

TYPE	DATE	TIME	AGENCY	DESCRIPTION
Area Forecast Discussion	10/31/2015	2000	MST NWS Phoe	Bigger weather changes will affect the region by the middle of next week as a fairly strong weather system moves through the area.
Area Forecast Discussion	10/31/2015	2100	PST NWS San D	A low pressure trough will move into southern California Monday and bring much cooler weather with occasional rain...along with windy conditions in the mountains and deserts.
Area Forecast Discussion	11/1/2015	0212	MST NWS Phoe	Bigger weather changes will affect the region by the middle of next week as a fairly strong weather system moves through the area.
Area Forecast Discussion	11/1/2015	0317	PST NWS San D	Noticeable cooling on Monday and Tuesday as a cold low pressure trough develops over the region. Strong westerly winds will develop over the mountains and deserts.
Area Forecast Discussion	11/1/2015	0840	MST NWS Phoe	Bigger weather changes will affect the region by the middle of next week as a fairly strong weather system moves through the area.
Area Forecast Discussion	11/1/2015	0930	PST NWS San D	A low pressure trough moving in from the northwest will bring much cooler weather Monday...Windy conditions will occur in the mountains and deserts.
Urgent Weather Message	11/1/2015	1358	PST NWS San D	Wind Advisory in the San Diego County mountains from noon Monday to 3am Tuesday. A low pressure system will move into southern California Monday afternoon and bring area of gusty winds...Winds will be west to southwest 15-30 mph with gusts 40 mph to locally 55 mph.
Area Forecast Discussion	11/1/2015	1400	PST NWS San D	A low pressure trough moving in from the northwest will bring much cooler weather Monday...Windy conditions will occur in the mountains and deserts...A period of moderate strong winds due to strengthening MSLP/Thermal/Height Gradients...with gusts to 55 mph possible.
Area Forecast Discussion	11/1/2015	1430	MST NWS Phoe	General consistency showing substantial height falls and a strong cold frontal passage through the forecast area.
Area Forecast Discussion	11/1/2015	2107	PST NWS San D	Developing low pressure trough on Monday will bring rain showers into our area beginning around sunset...Windy conditions will occur in the mountains and deserts.
Urgent Weather Message	11/1/2015	2134	PST NWS San D	Wind Advisory in the San Diego County mountains remains in effect from noon Monday to 3am Tuesday. West-southwest winds 20-30 mph with gusts to 55 mph. Gusts to 65 mph in the most wind prone passes.
Urgent Weather Message	11/2/2015	0254	PST NWS San D	Wind Advisory in the San Diego County mountains remains in effect from 10 am Monday to 3am Tuesday. West-southwest winds 20-30 mph with gusts to 55 mph. Gusts to 65 mph in the most wind prone passes.
Area Forecast Discussion	11/2/2015	0255	MST NWS Phoe	The only real change will be an increase in the winds across southeast California and southwest Arizona as surface pressure begins to fall across the region.
Area Forecast Discussion	11/2/2015	0326	PST NWS San D	High pressure weakens aloft and a low pressure trough approaches from the northwest. The trough will result in strong and gusty westerly winds over the mountains and deserts.
ICAPCD Weather Webpage	11/2/2015	0800	PST NWS San D	ICAPCD Daily Weather webpage notice.

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Area Forecast Discussion	11/2/2015	0815	MST NWS Phoe	The only real change will be an increase in the winds across southeast California and southwest Arizona as surface pressure begins to fall across the region. Parts of southeast California could see southwest winds as high as 20 mph with gusts to 30 mph by this evening.
Area Forecast Discussion	11/2/2015	0920	PST NWS San D	Cooler today with increasing clouds later in the day as the high pressure weakens aloft and a low pressure trough approaches from the northwest. The trough will result in strong and gusty westerly winds over the mountains and deserts.
Urgent Weather Message	11/2/2015	0950	PST NWS San D	Wind Advisory in the San Diego County mountains remains in effect until 3am Tuesday. West-southwest winds 20-30 mph with gusts to 55 mph. Gusts to 65 mph in the most wind prone passes.
Area Forecast Discussion	11/2/2015	1325	PST NWS San D	The trough and its associated cold front will continue to move southeast and into southern California this evening through late tonight...Surface pressure gradients continue to strengthen as the trough moves inland...with gradients peaking at around 10mb from San Diego to Las Vegas tonight.
Area Forecast Discussion	11/2/2015	1415	MST NWS Phoe	A low level cold front has already pushed onshore into southern California through San Diego and San Bernanrdino mountains...with a steepened post frontal surface pressure gradient forcing gusty west winds.
Urgent Weather Message	11/2/2015	1903	PST NWS San D	Wind Advisory in the San Diego County mountains remains in effect until 3am Tuesday. West-southwest winds 20-30 mph with gusts to 55 mph. Local gusts up to 65 mph on the desert slopes and foothills.
Public Information Statement	11/2/2015	1938	PST NWS San D	Peak Regional wind gusts.
Public Information Statement	11/2/2015	1938	PST NWS San D	Wind Reports the past 24 hours.
Urgent Weather Message	11/2/2015	2002	MST NWS Phoe	Blowing Dust Advisory in effect for Imperial County until 1 am Tuesday. Winds 25-35 mph with gusts to 40 mph...Visibilitiy less than 1 mile.
Area Forecast Discussion	11/2/2015	2020	MST NWS Phoe	Pre-frontal winds have started increasing across southeastern Califronia. Winds at El Centro/Imperial already gusting to 35kts with some reports of blowing dust ...Winds will continue for the next several hours and with dust already reported across a high-impact travel corridor.
Urgent Weather Message	11/2/2015	2102	MST NWS Phoe	Wind Advisory in effect for Imperial County until 1 am Tuesday...Blowing Dust Advisory in effect for Imperial County until 1 am Tuesday. Winds 30-40 mph with gusts to 50 mph...Visibilitiy less than 1 mile.
Area Forecast Discussion	11/2/2015	2130	PST NWS San D	Strong winds continue over the mountains and deserts where a wind advisory continues through early Tuesday morning for gusts of 55 mph and local gusts to 65 mph.
Urgent Weather Message	11/3/2015	0142	MST NWS Phoe	Wind Advisory and Blowing Dust Advisory in effect for Imperial County will expire at 1 am.
Urgent Weather Message	11/3/2015	0204	PST NWS San D	Wind Advisory in the San Diego County mountains has been extended through mid-morning. Wind Advisory for the High Deserts has been cancelled.
Area Forecast Discussion	11/3/2015	0327	PST NWS San D	The strong winds over the mountains and locally into the deserts will gradually weaken this morning...

TYPE	DATE	TIME	AGENCY	DESCRIPTION
Urgent Weather Message	11/3/2015	0204	PST NWS San D	Wind Advisory in the San Diego County mountains will expire at 9 am this morning.

859
FXUS65 KPSR 010302
AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
800 PM MST SAT OCT 31 2015

.SYNOPSIS...
HIGH PRESSURE HAS BUILT INTO THE REGION THIS WEEKEND RESULTING CLEAR SKIES AND A RETURN TO NEAR NORMAL TEMPERATURES. BIGGER WEATHER CHANGES WILL AFFECT THE REGION BY THE MIDDLE OF NEXT WEEK AS A FAIRLY STRONG WEATHER SYSTEM MOVES THROUGH THE AREA. SUBSTANTIALLY COOLER TEMPERATURES WILL BE COMMON BY TUESDAY...THOUGH ONLY COMING WITH A LIMITED CHANCE OF LIGHT RAIN.

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.DISCUSSION... RELATIVELY STRONG UPPER RIDGING CONTINUED TO BUILD INTO THE DESERT SOUTHWEST THIS EVENING...AND THE LATEST H5 PLOT DATA SHOWED 60-80M HEIGHT RISES ACROSS THE STATE. IR IMAGERY INDICATED CLEAR SKIES ACROSS THE REGION. SURFACE DEWPOINTS OVER THE CENTRAL DESERTS WERE NOT OVERLY LOW BUT MOSTLY RANGED FROM THE MID 30S TO MID 40S. GIVEN THE VERY LIGHT SFC AND LOW LEVEL GRADIENTS WE CAN EXPECT CLEAR SKIES AND LIGHT WINDS FOR THE REST OF THE NIGHT OVER SOUTHERN ARIZONA AND SERN CALIFORNIA. NO UPDATES NEEDED TO THE CURRENT FORECAST.

.PREVIOUS DISCUSSION...
STRONG RIDGING ALOFT...NOTABLE H5 HEIGHT RISES (10DM PER 12Z SOUNDING DATA)...DEEP SUBSIDENCE...AND DRY AIR ADVECTION HAS LED TO CLOUDLESS SKIES AND VERY COMFORTABLE CONDITIONS ACROSS THE FORECAST AREA. VERY LITTLE CHANGE IN OVERALL HEIGHT PROFILES WILL OCCUR THROUGH MONDAY...THOUGH SOME WARMING IN THE H8-H7 LAYER WILL ALLOW FOR SOME INCREASE IN DAILY READINGS. NOT SURPRISINGLY WITH SUCH A STABLE PATTERN...MODEL AND ENSEMBLE MEMBER SPREAD IS SMALL YIELDING ABOVE AVERAGE FORECAST CONFIDENCE FOR THE NEXT 48 HOURS.

THE NEXT WEATHER SYSTEM WILL APPROACH THE REGION SUNDAY NIGHT INTO MONDAY...QUICKLY DROPPING SOUTHEASTWARD ALONG THE WEST COAST. MODEL AGREEMENT IS STILL REMARKABLY GOOD WITH LITTLE DIFFERENCES THROUGH WEDNESDAY...AND ONLY MINOR DISCREPANCIES REGARDING DEPTH AND TIMING THE TROUGHS EASTWARD EXIT LATE IN THE WEEK. THOUGH DRY AIR WILL BE IN PLACE OVER THE DESERT SOUTHWEST ON MONDAY...RAPID MOISTENING WILL TAKE PLACE MONDAY NIGHT ALONG AND AHEAD OF A STRONG COLD FRONT THAT WILL QUICKLY MOVE THROUGH THE REGION INTO TUESDAY. BOTH THE GFS AND EUROPEAN MODELS SHOW STRONG MOISTURE ADVECTION INTO THE DESERT SOUTHWEST UNDER 30-50KT 700MB SOUTHWESTERLY FLOW JUST AHEAD OF THE APPROACHING TROUGH. HOWEVER...ANALYSIS OF MODEL CROSS SECTIONS AND FORECAST SOUNDINGS YIELD ONLY A BRIEF WINDOW OF MOISTENING IN THE H8-H7 LAYER WITH THE IMMEDIATE FROPA. GIVEN THE RAPID FORWARD FRONTAL PROGRESSION...COULD ONLY JUSTIFY MODEST POPS FOR MUCH OF THE FORECAST AREA...AND PRIMARILY FOCUSED IN OROGRAPHIC UPSLOPE REGIONS NORTH AND EAST OF PHOENIX. ENSEMBLE OUTPUT REMAINS CONSISTENT IN ADVERTISING VERY LITTLE RAINFALL ACCUMULATION WITH THIS INITIAL FRONTAL PASSAGE.

MOST NOTABLY...THE COLD FRONT WILL USHER IN MUCH COOLER AIR FOR MIDDLE AND END OF NEXT WEEK AS THE UPPER TROUGH (AND ASSOCIATED COLD CORE) WILL BE SLOW TO MOVE EASTWARD. HAVE BLENDED TEMPERATURES TOWARDS RAW GUIDANCE OUTPUT WITH THE INTRODUCTION OF AN ANOMALOUS AIRMASS...YIELDING HIGHS TUESDAY THROUGH THURSDAY STRUGGLING TO REACH 70F IN MANY LOWER ELEVATION LOCATIONS. OCCASIONAL SHOWER CHANCES WILL CONTINUE WEDNESDAY AND THURSDAY ASSOCIATED WITH ANY POCKET OF MIDLEVEL MOISTURE AND VORTICITY FORCED ASCENT. WHILE NOT A WIDESPREAD STEADY RAIN EVENT...THESE SHOWERS MAY PROVIDE THE BEST OPPORTUNITY FOR ACCUMULATING RAINFALL OUT OF THE WEATHER DISTURBANCE. BEING A FAIRLY COLD WEATHER SYSTEM...SNOW LEVELS WILL DROP AS LOW AS 6000 FEET UNDER THE IMMEDIATE COLD CORE ALOFT. THIS LONGWAVE TROUGH WILL EVENTUALLY EXIT THE REGION THURSDAY NIGHT INTO EARLY FRIDAY WITH GRADUALLY WARMING TEMPERATURES AND DRYING HEADING INTO NEXT WEEKEND.

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.AVIATION...
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...AND SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...

NO AVIATION IMPACTS THROUGH SUNDAY EVENING UNDER CLEAR SKIES. SFC WINDS WILL REMAIN VERY LIGHT...AND IN MANY CASES BECOME VARIABLE UNDER 5KT FOR PROLONGED PERIODS. CONFIDENCE IN TIMING SUBTLE DIURNAL WIND SHIFTS IS MODERATE.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

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.FIRE WEATHER...
MONDAY THROUGH SATURDAY...
AFTER A DRY AND SEASONALLY WARM DAY MONDAY...A RATHER STRONG WEATHER SYSTEM WILL MOVE THROUGH THE DISTRICT DURING THE MIDDLE OF THE WEEK. SOME STRONGER WIND GUSTS AHEAD OF THIS SYSTEM MAY AFFECT PARTS OF SOUTHEAST CALIFORNIA MONDAY AFTERNOON...THOUGH NOT AS STRONG AS THIS PAST FRIDAY. TEMPERATURES DURING THE MIDDLE OF THE WEEK WILL FALL INTO A BELOW AVERAGE CATEGORY WHILE MINIMUM AFTERNOON HUMIDITY LEVELS WILL INCREASE TO A 25 TO 40 PERCENT RANGE. OVERNIGHT RECOVERY WILL BE GOOD TO EXCELLENT DURING THIS TIME FRAME. WHILE A FEW SHOWERS WILL BE POSSIBLE...THE CHANCE OF WETTING RAINS WILL VERY LIMITED (MOST TO HIGHER TERRAIN LOCATIONS). BY THE END OF THE WEEK...SOMEWHAT DRIER AND WARMER WEATHER WILL RETURN THOUGH NOT YIELDING ANY FIRE WEATHER CONCERNS.

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.SPOTTER INFORMATION STATEMENT...
SPOTTERS ARE ENCOURAGED TO REPORT BASED ON STANDARD OPERATING PROCEDURES.

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.PSR WATCHES/WARNINGS/ADVISORIES...
AZ...NONE.
CA...NONE.

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX


DISCUSSION...CB
PREVIOUS DISCUSSION...MO/KUHLMAN
AVIATION...MO/CB
FIRE WEATHER...MO

IOWA STATE UNIVERSITY

College of Ag
Department of Agronomy

Department of Agronomy
716 Farm House Ln
Ames, IA 50011

akrherz@iastate.edu
515-294-5978 phone

-  Facebook
-  Twitter
-  Github
-  YouTube
-  RSS

649
FXUS66 KSGX 010403 AAA
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
900 PM PDT SAT OCT 31 2015

.UPDATE...

TODAY WAS VERY WARM FOR LOCATIONS WEST OF THE MOUNTAINS WITH MAX TEMPS ABOUT 10 TO 15 DEGREES ABOVE NORMAL. A VERY DRY AIRMASS HAS ALLOWED TEMPS TO QUICKLY DROP OFF THIS EVENING WITH VERY STRONG RADIATIONAL COOLING. OFFSHORE FLOW WILL GRADUALLY LAX INTO SUNDAY AND REPLACED BY NEARLY NEUTRAL FLOW AS WE TRANSITION INTO A MORE DYNAMIC SYNOPTIC PATTERN ACROSS SOUTHERN CALIFORNIA...THROUGH MID NEXT WEEK. THE BEST CHANCE OF RAIN AND HIGH ELEVATION SNOW IS STILL LOOKING TO BE FROM MONDAY EVENING THROUGH TUESDAY MORNING. WE CONTINUE TO MENTION LIKELY POPS FOR MOST AREAS ALONG AND WEST OF THE MOUNTAINS. A DRY PATTERN IS THEN LIKELY AFTER WEDNESDAY THROUGH NEXT WEEKEND.

SOME SMOKE HAS BEEN REPORTED THIS EVENING IN THE CENTRAL AND NORTHERN INLAND EMPIRE LIKELY DUE TO A SMALL FIRE IN THE SAN BERNARDINO MOUNTAINS. HAVE ADDED SMOKE INTO THOSE AREAS THROUGH SUNDAY MORNING...AFTER WHICH TIME LIGHT ONSHORE FLOW AND AFTERNOON SEABREEZE SHOULD HELP TO KNOCK OUT MOST OF THE SMOKE. NO OTHER CHANGES HAVE BEEN MADE TO THE FORECAST ATTM.

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.SYNOPSIS... HIGH PRESSURE ALOFT AND WEAKENING OFFSHORE FLOW WILL CONTINUE TO BRING CLEAR SKIES...WITH SOME COOLING ON SUNDAY. A LOW PRESSURE TROUGH WILL MOVE INTO SOUTHERN CALIFORNIA MONDAY AND BRING MUCH COOLER WEATHER WITH OCCASIONAL RAIN AND HIGH ELEVATION SNOW SHOWERS LATE MONDAY THROUGH WEDNESDAY ALONG WITH WINDY CONDITIONS IN THE MOUNTAINS AND DESERTS. DRY AND WARMER WEATHER WILL RETURN LATE NEXT WEEK.

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.PREVIOUS DISCUSSION (ISSUED AT 200 PM PDT)...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

SKIES WERE SUNNY ACROSS THE ENTIRE REGION WITH EXCELLENT VISIBILITIES. WINDS HAVE DIED DOWN. LOCAL TEMPERATURES TOPPED 90 WEST OF THEM MOUNTAINS...WITH MOST AREAS IN THE 80S. MORE IMPORTANTLY...FOR THE HALLOWEEN TRICK-OR-TREATERS TONIGHT...SKIES WILL BE CLEAR WITH TEMPS MOSTLY FALLING THROUGH THE 70S AT MOST LOWER-ELEVATION LOCATIONS AT EARLY EVENING WITH LIGHT WINDS.

THE UPPER RIDGE AXIS IS OVER SO-CAL TODAY...BUT IT WILL BE TRANSITORY AS IT WILL BE SOUTHEAST OF US OVER BAJA AND SONORA SUNDAY AND FLATTEN OUT AS AN UPPER TROUGH MOVES DOWN OFF THE PACIFIC NORTHWEST COAST. WITH SLIGHTLY LOWER HEIGHTS AND MORE ONSHORE FLOW SUNDAY...IT SHOULD BE A FEW DEGREES COOLER IN MOST LOCATIONS...ESPECIALLY WEST OF THE MOUNTAINS. THE LONG-WAVE TROUGH WILL DEEPEN INTO SO-CAL BY MONDAY AFTERNOON...AND THIS WILL BRING MUCH COOLER WEATHER AND DEVELOP STRONG WINDS AT TIMES IN THE MOUNTAINS/DESERTS DUE TO THE STRENGTHENING ONSHORE MSLP GRADIENTS AND HEIGHT/TEMP GRADIENTS ALOFT. SOME GUSTS LOCALLY COULD REACH 55 MPH LATE MONDAY/MONDAY NIGHT. TIMING OF THE WAVES MOVING THROUGH THE BASE OF THE TROUGH THROUGH SO-CAL HAVE VARIED SOMEWHAT IN THE MODEL RUNS...BUT BEST TIMING RIGHT NOW APPEARS TO BE MONDAY EVENING AND LATE TUESDAY...WITH MODELS DISAGREEING ON THE WAVE FOR WEDNESDAY...WITH GFS HAVING IT FURTHER NORTH AND ECMWF HAVING IT MOVE THROUGH OUR AREA. THE BEST CHANCE OF PRECIP SHOULD BE MONDAY AFTERNOON/EVENING...THOUGH WITH MOISTURE MOSTLY REMAINING BELOW 800 MB...RAINFALL AMOUNTS SHOULD MOSTLY BE LIGHT...AROUND 1/4 INCH...WITH LOCAL AMOUNTS OVER 1/2 INCH ON WEST-FACING SLOPES. 850 MB TEMPS DO FALL TO -25 OVER SAN BERNARDINO COUNTY MONDAY NIGHT...BUT DUE TO THE NOCTURNAL PASSAGE OF THE COLDEST AIR AND SEPARATION OF THE COLDEST AIR FROM THE WATER COASTAL WATERS...WE WILL NOT INTRODUCE ANY THUNDERSTORMS AT THIS TIME. PRECIP CHANCES FOR TUESDAY/WEDNESDAY DO NOT LOOK GREAT...AND IF ANY PRECIP DOES OCCUR THEN IT WILL BE LIGHT. TEMPS WILL BE WELL BELOW NORMAL TUE/WED WITH BIG BEAR STRUGGLING TO GET MUCH ABOVE 40 AND MOSTLY BELOW 70 IN THE VALLEYS. SNOW LEVELS WILL FALL TO AROUND 6000 FEET MONDAY NIGHT...BUT SINCE MOST OF THE MOISTURE WILL BE AT/BELOW THAT LEVEL...VERY LITTLE SNOW IS EXPECTED.

NORTHWEST FLOW WILL FOLLOW THE TROUGH THE SECOND HALF OF NEXT WEEK...SO FAIR WEATHER SHOULD PREVAIL WITH A GRADUAL WARMING TREND...WITH TEMPS RECOVERING TO NEAR NORMAL BY FRI OR SAT.

&&

.AVIATION...

010330Z...SMALL CHANCE FOR PATCHY FOG/LOW CLOUDS LATE TONIGHT INTO SUNDAY MORNING...WHICH COULD RESULT IN CIGS AOB 300 FT MSL AND VIS AOB 1/2 SM WITHIN 5 SM OF THE COAST. HOWEVER...CONFIDENCE IN OCCURRENCE IS VERY LOW. OTHERWISE...MOSTLY CLEAR WITH UNRESTRICTED VIS THROUGH SUNDAY.

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.MARINE...

830 PM...NO HAZARDOUS MARINE WEATHER IS EXPECTED THROUGH MONDAY AFTERNOON. STRONG NORTHWEST WINDS WILL DEVELOP LATE MONDAY...PERSISTING INTO WEDNESDAY MORNING. GUSTS IN EXCESS OF 25 KT ARE LIKELY...POSSIBLY NEARING GALE FORCE IN PORTIONS OF THE OUTER COASTAL WATERS LATE MONDAY NIGHT THROUGH TUESDAY MORNING. COMBINED SEAS NEAR OR ABOVE 10 FT AND STEEP WAVES WILL ALSO CREATE HAZARDOUS BOATING CONDITIONS DURING THIS TIME. SHOWERS WILL ALSO BE POSSIBLE AT TIMES MONDAY AFTERNOON THROUGH WEDNESDAY.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

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.SGX WATCHES/WARNINGS/ADVISORIES...

CA...NONE.

PZ...NONE.

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PUBLIC...JMB

AVIATION/MARINE...PG

PREVIOUS...MAXWELL

391
FXUS66 KSGX 010403 AAA
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
900 PM PDT SAT OCT 31 2015

.UPDATE...

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CA...NONE.

PZ...NONE.

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PUBLIC...JMB

AVIATION/MARINE...PG

PREVIOUS...MAXWELL

IOWA STATE
UNIVERSITY

College of Ag
Department of Agronomy

Department of Agronomy


716 Farm House Ln
Ames, IA 50011

akrherz@iastate.edu
515-294-5978 phone

 Facebook

 Twitter

 Github

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981
FXUS65 KPSR 010912
AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
212 AM MST SUN NOV 1 2015

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HIGH PRESSURE HAS BUILT INTO THE REGION THIS WEEKEND RESULTING CLEAR SKIES AND A RETURN TO NEAR NORMAL TEMPERATURES. BIGGER WEATHER CHANGES WILL AFFECT THE REGION BY THE MIDDLE OF THE WEEK AS A FAIRLY STRONG WEATHER SYSTEM MOVES THROUGH THE AREA. SUBSTANTIALLY COOLER TEMPERATURES WILL BE COMMON BY TUESDAY...THOUGH ONLY COMING WITH A LIMITED CHANCE OF LIGHT RAIN.

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.DISCUSSION...

CLEAR SKIES UNDER A RIDGE OF HIGH PRESSURE REMAINS ACROSS THE REGION AND WILL PERSIST INTO MONDAY. HIGHS BOTH TODAY AND MONDAY WILL CLIMB TO ABOVE NORMAL READINGS WITH MIDDLE 80S COMMONPLACE ACROSS THE SOUTH-CENTRAL ARIZONA DESERTS AND AROUND 90 DEGREES OVER SOUTHEAST CALIFORNIA AND SOUTHWEST ARIZONA. SOME CHANGES HAVE BEEN NOTED IN THE MODELS FOR THE NEXT WEATHER SYSTEM WHICH WILL DIVE SOUTHEASTWARD ALONG THE WEST COAST OVER THE NEXT COUPLE DAYS. TIMING REMAINS ON TRACK WITH THE FIRST SHORTWAVE TROUGH MOVING INTO OUR WESTERN ZONES LATE MONDAY EVENING...BUT NOW THIS LEADING SHORTWAVE MAY TAKE MORE OF A NORTHERLY TRACK INTO NORTHERN ARIZONA MONDAY NIGHT INTO TUESDAY MORNING. THIS WOULD LIKELY DELAY THE COLD FRONT PROGRESSING THROUGH THE REST OF ARIZONA UNTIL LATER ON TUESDAY INSTEAD OF DURING THE MORNING HOURS AS PER PREVIOUS MODEL RUNS.

SINCE THE LEADING SHORTWAVE TROUGH NOW SEEMS IT WILL MAINLY MISS OUR CWA...WE HAVE TRIMMED BACK POPS FOR MONDAY NIGHT AND TUESDAY WITH MOSTLY JUST SLIGHT CHANCES OVER HIGHER TERRAIN LOCATIONS NORTH AND EAST OF PHOENIX. MOISTURE CONTENT STILL SEEMS LIMITED WITH THIS SYSTEM...SO NOT ANTICIPATING THIS TO BE A SIGNIFICANT RAIN MAKER BY ANY MEANS. MUCH COOLER AIR WILL STILL USHER INTO THE REGION EVENTUALLY LATER ON TUESDAY WITH BELOW NORMAL READINGS FOR TUESDAY THROUGH AT LEAST THURSDAY. THE BEST CHANCE OF SHOWERS LOOKS TO BE ON WEDNESDAY AS ANOTHER MID-LEVEL DISTURBANCE IS FORECAST TO SWING THROUGH THE REGION AND MORE DIRECTLY AFFECT SOUTHERN AND CENTRAL ARIZONA. HIGHEST POPS ARE STILL ONLY IN THE CHANCE CATEGORY AS MOISTURE AVAILABILITY LOOKS RATHER MEAGER. ONCE THIS DISTURBANCE MOVES EAST WEDNESDAY NIGHT THE TROUGH WILL BEGIN TO QUICKLY LIFT NORTHEASTWARD OUT OF THE REGION LEAVING MUCH DRIER AIR TO WORK IN BEHIND IT AND ENDING RAIN CHANCES AS EARLY AS THURSDAY MORNING.

FOR FRIDAY INTO NEXT WEEKEND A BROAD TROUGHING SYNOPTIC REGIME IS LIKELY TO STAY IN PLACE...BUT A DRY AIRMASS WILL KEEP OUR POPS LESS THAN 10 PERCENT. WE SHOULD HAVE SOME TEMPERATURE RECOVERY WITH

READINGS BACK TO NEAR NORMALS BY NEXT SATURDAY.

&&

.AVIATION...

SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...AND
SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND
KBLH...

NO AVIATION IMPACTS THROUGH SUNDAY EVENING UNDER CLEAR SKIES. SFC
WINDS WILL REMAIN VERY LIGHT...AND IN MANY CASES BECOME VARIABLE
UNDER 5KT FOR PROLONGED PERIODS. CONFIDENCE IN TIMING SUBTLE DIURNAL
WIND SHIFTS IS MODERATE.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...

MONDAY THROUGH SATURDAY...

AFTER A DRY AND SEASONALLY WARM DAY MONDAY...A RATHER STRONG WEATHER
SYSTEM WILL MOVE THROUGH THE DISTRICT DURING THE MIDDLE OF THE WEEK.
SOME STRONGER WIND GUSTS AHEAD OF THIS SYSTEM MAY AFFECT PARTS OF
SOUTHEAST CALIFORNIA MONDAY AFTERNOON...THOUGH NOT AS STRONG AS THIS
PAST FRIDAY. TEMPERATURES DURING THE MIDDLE OF THE WEEK WILL FALL
INTO A BELOW AVERAGE CATEGORY WHILE MINIMUM AFTERNOON HUMIDITY
LEVELS WILL INCREASE TO A 25 TO 40 PERCENT RANGE. OVERNIGHT RECOVERY
WILL BE GOOD TO EXCELLENT DURING THIS TIME FRAME. WHILE A FEW
SHOWERS WILL BE POSSIBLE...THE CHANCE OF WETTING RAINS WILL VERY
LIMITED (MOST TO HIGHER TERRAIN LOCATIONS). BY THE END OF THE
WEEK...SOMEWHAT DRIER AND WARMER WEATHER WILL RETURN THOUGH NOT
YIELDING ANY FIRE WEATHER CONCERNS.

&&

.SPOTTER INFORMATION STATEMENT...

SPOTTERS ARE ENCOURAGED TO REPORT BASED ON STANDARD OPERATING
PROCEDURES.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...NONE.

CA...NONE.

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...KUHLMAN

AVIATION...MO/CB

FIRE WEATHER...MO

748
FXUS66 KSGX 011117
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
317 AM PST SUN NOV 1 2015

.SYNOPSIS...WEAKENING HIGH PRESSURE ALOFT AND INCREASING ONSHORE FLOW WILL BRING SOME COOLING TODAY UNDER SUNNY SKIES...WITH MORE NOTICEABLE COOLING MONDAY AND TUESDAY AS A COLD LOW PRESSURE TROUGH DEVELOPS OVER THE REGION. STRONG WESTERLY WINDS WILL DEVELOP OVER THE MOUNTAINS AND DESERTS...ALONG WITH PERIODS OF SHOWERS AND HIGH ELEVATION SNOW. DRY AND WARMER WEATHER WILL RETURN FOR THE LATTER HALF OF THE WEEK.

&&

.PREVIOUS DISCUSSION (ISSUED AT 200 PM PDT)...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

EXCEPT FOR A LONELY PATCHY OF MARINE STRATUS OVER THE COASTAL WATERS...SKIES WERE CLEAR ACROSS THE REGION AGAIN EARLY THIS MORNING WITH A WIDE SPREAD IN TEMPERATURES FROM THE 40S TO THE LOWER 60S. SURFACE PRESSURE GRADIENTS WERE TRENDING ONSHORE...BUT WERE WEAK AND WINDS WERE LIGHT. DEWPOINTS WERE SIGNIFICANTLY HIGHER IN MANY AREAS.

THE HIGH PRESSURE RIDGE ALOFT WILL SLIP SE OF THE REGION TODAY... ALLOWING ONSHORE SURFACE PRESSURE GRADIENTS TO STRENGTHEN AND BRING A RETURN OF THE MARINE AIR. THE SEA BREEZE SHOULD CAP TEMPERATURES ALONG THE COAST IN THE MID-UPPER 70S...BUT JUST INLAND...IT WILL BE IN THE 80S TO NEAR 90 FOR ANOTHER DAY.

A BROAD LOW PRESSURE TROUGH REMAINS ON TRACK TO DEVELOP ACROSS THE WEST IN THE WAKE OF THE DEPARTING RIDGE. THE LEAD SHORTWAVE SHOULD PASS OVER SOCAL ON MON NIGHT ACCOMPANIED BY A PERIOD OF SHOWERS... HIGH ELEVATION SNOW...AND GUSTY WESTERLY WINDS OVER THE MTS/DESERTS. A SECONDARY SHORTWAVE WILL DROP SOUTH TUE NIGHT OR EARLY WED...BUT THE MODELS ARE HAVING CONSIDERABLE DIFFICULTY WITH THE TRACK AND TIMING OF THIS FEATURE. SO FOR NOW...SLIGHT CHANCE/CHANCE POPS REMAIN IN THE FORECAST INTO WED. TEMPERATURES WILL FALL BELOW NORMAL ON MONDAY AND LIKELY REMAIN THERE THROUGH WED BEFORE HEIGHTS/ THICKNESS RECOVER AND THE ATMOSPHERE WARMS.

THE MAIN CONCERNS WILL BE FOR THE AMOUNT OF PRECIPITATION AND THE GUSTY WINDS THAT WILL BE DEVELOPING LATE MON. THE LATEST HIRES MODEL GUIDANCE SHOWS A BIT MORE QPF THAN PREVIOUS RUNS. THIS MAY BE BECAUSE OF THE NARROW BAND OF HIGH PW AIR THAT IS BEING DRAWN ACROSS THE PACIFIC IN ADVANCE OF THE LEAD SHORTWAVE AS IT DROPS SOUTH OVER THE STATE. MOST OF THE PRECIPITATION SHOULD FALL MON NIGHT INTO TUESDAY...WITH SEVERAL INCHES OF SNOWFALL POSSIBLE ABOVE 6000 FT IN

THE SAN BERNARDINO MTS. RAINFALL AMOUNTS OF ONE-QUARTER TO ONE-HALF INCH LOOK POSSIBLE WEST OF THE MTS NOW...WITH ONE-HALF TO AROUND ONE INCH IN THE MTS AND LESS THAN ONE-TENTH INCH FOR THE LOWER DESERTS. THE HIGH DESERT AREAS COULD SEE AROUND ONE-QUARTER INCH. THUNDER IS A POSSIBILITY AND MAY NEED TO BE ADDED IN SUBSEQUENT FORECASTS.

WINDS WILL BECOME STRONG AND GUSTY OVER THE MTS/DESERTS LATER MON THROUGH TUE WHEN A WIND ADVISORY WILL LIKELY BE NEEDED FOR LOCAL GUSTS OF 60 MPH OR MORE.

THE FORECAST IS FOR DRY AND WARMER WEATHER INTO NEXT WEEKEND... DESPITE THE SPREAD IN THE GLOBAL MODEL SOLUTIONS. SOME WEAK OFFSHORE FLOW IS ADVERTISED AS WELL...SO AT LEAST DAYTIME TEMPERATURES MAY GO BACK ABOVE AVERAGE WEST OF THE MTS UNDER FAIR SKIES.

&&

.AVIATION...

011030Z...COASTS...CLEAR WITH UNRESTRICTED VIS THROUGH THIS AFTERNOON. STRATUS WITH BASES NEAR 500 FT MSL DEVELOPING OVER THE COASTAL WATERS DURING THE LATE AFTERNOON...REACHING THE COASTAL AIRPORTS AFTER 02/04Z AND SPREADING 15-20 MI INLAND OVERNIGHT. WIDESPREAD VIS 3-5 SM IN BR WITH AREAS OF VIS 1SM OR LESS IN FG OVER HIGHER COASTAL TERRAIN AND COASTAL MESAS AS CLOUDS MOVE INLAND. BASES GRADUALLY LIFTING TO 1000 FT MSL EARLY MON MORNING.

VALLEYS/MOUNTAINS/DESERTS...CLEAR WITH UNRESTRICTED VIS THROUGH MON MORNING.

&&

.MARINE...

240 AM...NO HAZARDOUS MARINE WEATHER IS EXPECTED THROUGH MONDAY AFTERNOON. STRONG NORTHWEST WINDS WILL DEVELOP LATE MONDAY... PERSISTING INTO WEDNESDAY MORNING. GUSTS IN EXCESS OF 25 KT ARE LIKELY...POSSIBLY NEARING GALE FORCE IN PORTIONS OF THE OUTER COASTAL WATERS LATE MONDAY NIGHT THROUGH TUESDAY MORNING. COMBINED SEAS NEAR OR ABOVE 10 FT AND STEEP WAVES WILL ALSO CREATE HAZARDOUS BOATING CONDITIONS DURING THIS TIME. SHOWERS WILL MOVE OVER THE COASTAL WATERS AT TIMES MONDAY AFTERNOON THROUGH WEDNESDAY AS WELL.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

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.SGX WATCHES/WARNINGS/ADVISORIES...

CA...NONE.

PZ...NONE.

&&

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FXUS65 KPSR 011540
AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
840 AM MST SUN NOV 1 2015

.SYNOPSIS...
HIGH PRESSURE HAS BUILT INTO THE REGION THIS WEEKEND RESULTING CLEAR SKIES AND A RETURN TO NEAR NORMAL TEMPERATURES. BIGGER WEATHER CHANGES WILL AFFECT THE REGION BY THE MIDDLE OF THE WEEK AS A FAIRLY STRONG WEATHER SYSTEM MOVES THROUGH THE AREA. SUBSTANTIALLY COOLER TEMPERATURES WILL BE COMMON BY TUESDAY...THOUGH ONLY COMING WITH A LIMITED CHANCE OF LIGHT RAIN.

&&
.DISCUSSION...
MORNING WV SATELLITE IMAGERY DEPICTS FLAT RIDGING AND DEEP SUBSIDENT FLOW OVER THE SWRN CONUS...WHILE 12Z REGIONAL SOUNDINGS SHOW NEARLY STEADY STATE MIDLEVEL HEIGHTS (H5 NEAR 585DM). HOWEVER...RATHER SIGNIFICANT WARMING HAS BEEN SAMPLED IN MUCH OF THE H8-H7 LAYER (KTWC WARMED AS MUCH AS 6C SINCE SATURDAY 12Z) WHICH WILL YIELD AFTERNOON HIGHS A COUPLE DEGREES HIGHER THAN YESTERDAY. AFTER ANOTHER COOL MORNING WITH LIGHT WINDS...HOURLY TEMPERATURES ONCE AGAIN HAVE BEEN SOMEWHAT SLOWER TO RESPOND TO INSOLATION AND MIXING. THOUGH SIMILAR TO SATURDAY...FAIRLY RAPID DISCRETE JUMPS IN TEMPERATURES WILL BE COMMON DURING LATE MORNING/EARLY AFTERNOON. THUS...ONLY MINOR CHANGES TO SHORT TERM HOURLY GRIDS WERE NECESSARY TO ACCOUNT FOR OBSERVATIONAL TRENDS...AND LIKE SATURDAY ANOTHER NEARLY PERFECT DAY IN ARIZONA.

&&
.PREVIOUS DISCUSSION...
/240 AM MST SUN NOV 1 2015/
CLEAR SKIES UNDER A RIDGE OF HIGH PRESSURE REMAINS ACROSS THE REGION AND WILL PERSIST INTO MONDAY. HIGHS BOTH TODAY AND MONDAY WILL CLIMB TO ABOVE NORMAL READINGS WITH MIDDLE 80S COMMONPLACE ACROSS THE SOUTH-CENTRAL ARIZONA DESERTS AND AROUND 90 DEGREES OVER SOUTHEAST CALIFORNIA AND SOUTHWEST ARIZONA. SOME CHANGES HAVE BEEN NOTED IN THE MODELS FOR THE NEXT WEATHER SYSTEM WHICH WILL DIVE SOUTHEASTWARD ALONG THE WEST COAST OVER THE NEXT COUPLE DAYS. TIMING REMAINS ON TRACK WITH THE FIRST SHORTWAVE TROUGH MOVING INTO OUR WESTERN ZONES LATE MONDAY EVENING...BUT NOW THIS LEADING SHORTWAVE MAY TAKE MORE OF A NORTHERLY TRACK INTO NORTHERN ARIZONA MONDAY NIGHT INTO TUESDAY MORNING. THIS WOULD LIKELY DELAY THE COLD FRONT PROGRESSING THROUGH THE REST OF ARIZONA UNTIL LATER ON TUESDAY INSTEAD OF DURING THE MORNING HOURS AS PER PREVIOUS MODEL RUNS.

SINCE THE LEADING SHORTWAVE TROUGH NOW SEEMS IT WILL MAINLY MISS OUR CWA...WE HAVE TRIMMED BACK POPS FOR MONDAY NIGHT AND TUESDAY WITH MOSTLY JUST SLIGHT CHANCES OVER HIGHER TERRAIN LOCATIONS NORTH AND EAST OF PHOENIX. MOISTURE CONTENT STILL SEEMS LIMITED WITH THIS SYSTEM...SO NOT ANTICIPATING THIS TO BE A SIGNIFICANT RAIN MAKER BY ANY MEANS. MUCH COOLER AIR WILL STILL USHER INTO THE REGION EVENTUALLY LATER ON TUESDAY WITH BELOW NORMAL READINGS FOR TUESDAY THROUGH AT LEAST THURSDAY. THE BEST CHANCE OF SHOWERS LOOKS TO BE ON WEDNESDAY AS ANOTHER MID-LEVEL DISTURBANCE IS FORECAST TO SWING THROUGH THE REGION AND MORE DIRECTLY AFFECT SOUTHERN AND CENTRAL ARIZONA. HIGHEST POPS ARE STILL ONLY IN THE CHANCE CATEGORY AS MOISTURE AVAILABILITY LOOKS RATHER MEAGER. ONCE THIS DISTURBANCE MOVES EAST WEDNESDAY NIGHT THE TROUGH WILL BEGIN TO QUICKLY LIFT NORTHEASTWARD OUT OF THE REGION LEAVING MUCH DRIER AIR TO WORK IN BEHIND IT AND ENDING RAIN CHANCES AS EARLY AS THURSDAY MORNING.

FOR FRIDAY INTO NEXT WEEKEND A BROAD TROUGHING SYNOPTIC REGIME IS LIKELY TO STAY IN PLACE...BUT A DRY AIRMASS WILL KEEP OUR POPS LESS THAN 10 PERCENT. WE SHOULD HAVE SOME TEMPERATURE RECOVERY WITH READINGS BACK TO NEAR NORMALS BY NEXT SATURDAY.

&&
.AVIATION...
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...AND SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...

NO AVIATION CONCERNS THROUGH MONDAY MORNING UNDER CLEAR SKIES. SFC

WINDS WILL REMAIN VERY LIGHT...AND IN MANY CASES BECOME VARIABLE
UNDER SKT FOR PROLONGED PERIODS GENERALLY FOLLOWING TYPICAL
DIURNAL TRENDS.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...
TUESDAY THROUGH SUNDAY...
A RATHER STRONG WEATHER SYSTEM WILL MOVE THROUGH THE DISTRICT DURING
THE MIDDLE OF THE WEEK...WITH TEMPERATURES FALLING BELOW AVERAGE
CATEGORY WHILE MINIMUM AFTERNOON HUMIDITY LEVELS WILL INCREASE TO A
25 TO 40 PERCENT RANGE. OVERNIGHT RECOVERY WILL BE GOOD TO EXCELLENT
DURING THIS TIME FRAME. WHILE A FEW SHOWERS WILL BE POSSIBLE...THE
CHANCE OF WETTING RAINS WILL VERY LIMITED (MOST TO HIGHER TERRAIN
LOCATIONS). BY THE END OF THE WEEK...SOMEWHAT DRIER AND WARMER
WEATHER WILL RETURN THOUGH NOT YIELDING ANY FIRE WEATHER CONCERNS.

&&

.SPOTTER INFORMATION STATEMENT...
SPOTTERS ARE ENCOURAGED TO REPORT BASED ON STANDARD OPERATING
PROCEDURES.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...
AZ...NONE.
CA...NONE.

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...MO/KUHLMAN
AVIATION...MP/CB
FIRE WEATHER...MP/MO


IOWA STATE
UNIVERSITY

College of Ag
Department of Agronomy

Department of Agronomy

716 Farm House Ln
Ames, IA 50011

akrherz@iastate.edu
515-294-5978 phone

-  Facebook
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-  RSS

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060
FXUS66 KSGX 011743
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
930 AM PST SUN NOV 1 2015

.SYNOPSIS... IT WILL BE ANOTHER SUNNY WARM DAY TODAY...THOUGH NOT QUITE AS WARM AS SATURDAY AS ONSHORE FLOW DEVELOPS. A LOW PRESSURE TROUGH MOVING IN FROM THE NORTHWEST WILL BRING MUCH COOLER WEATHER MONDAY WITH SHOWERS LATE MONDAY OR MONDAY NIGHT. WINDY CONDITIONS WILL OCCUR IN THE MOUNTAINS AND DESERTS. A FEW SHOWERS COULD OCCUR PERIODICALLY TUESDAY THROUGH WEDNESDAY AS THE LOW PRESSURE TROUGH CONTINUES...AND TEMPERATURES WILL BE BELOW NORMAL. A LITTLE BIT OF SNOW IS POSSIBLE IN THE HIGHER MOUNTAINS...MAINLY IN SAN BERNARDINO COUNTY. DRY WARMER WEATHER WILL RETURN THURSDAY AND CONTINUE THROUGH NEXT WEEKEND.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

SKIES WERE CLEAR THIS MORNING EXCEPT FOR A FEW PATCHES OF STRATUS/FOG OVER THE COASTAL WATERS. TEMPERATURES ARE A FEW DEGREES LOWER IN COASTAL AREAS VERSUS 24 HOURS AGO STANDARD TIME BUT ARE SIMILAR OVER MOST INLAND AREAS. OVERALL...WITH MORE OF A SEA BREEZE DEVELOPING TODAY...COASTAL AREAS WILL BE COOLER WITH MOSTLY 70S WITHIN ABOUT 3-5 MILES THE COAST AND 80S TO LOCALLY NEAR 90 IN THE VALLEYS. THE MARINE LAYER STRATUS AND SOME FOG SHOULD ARRIVE OVERNIGHT...WITH ONLY PARTIAL CLEARING ON MONDAY AS THE MARINE LAYER DEEPENS RAPIDLY IN RESPONSE TO THE APPROACHING LOW PRESSURE TROUGH.

THE UPPER LOW IS STILL PROGGED TO MOVE INTO SO-CAL LATE MONDAY...WITH PRECIP LIKELY STARTING IN THE LATE AFTERNOON OVER ORANGE COUNTY AND WESTERN PARTS OF THE INLAND EMPIRE/SBD MOUNTAINS...THEN SPREADING SOUTH AND EAST DURING THE EVENING...BASED ON DYNAMICS AND MOISTURE PROFILES. THE MOISTURE STILL ONLY GOES UP TO ABOUT 800 MB IN MOST AREAS...SO RAINFALL AMOUNTS WILL BE RELATIVELY LIGHT...THOUGH WITH A COLD FRONT COMING THROUGH THERE COULD BE AN HOUR OR SO OF DYNAMICALLY DRIVEN MODERATE RAIN. OVERALL...IT LOOKS LIKE 1/4 INCH OR LESS AT THE COAST...BUT 1/2 TO LOCALLY ONE INCH IN THE MOUNTAINS...WITH LOCAL WRF SHOWING DECENT PRECIP IN THE SAN BERNARDINO COUNTY MOUNTAINS IN THAT RANGE DUE TO A COMBINATION OF OROGRAPHICS AND DYNAMICS THERE. COLDER AIR WILL BE ARRIVING BEHIND THE FRONT AS 700 MB TEMPS WILL FALL TO AROUND -5 C...BUT...THAT WILL BE MOSTLY AFTER THE BEST MOISTURE IS HERE...SO SNOWFALL WILL BE RATHER LIGHT IN THE MOUNTAINS...ABOVE ABOUT 6000-6500 FEET...PROBABLY ONLY 1-2 INCHES. THERE WILL BE SOME INSTABILITY ALOFT DUE TO THE COLD CORE...BUT AGAIN THAT WILL BE AFTER MOST OF

THE PRECIP MOVES THROUGH...SO WILL LEAVE THUNDERSTORMS OUT OF THE FORECAST FOR NOW. A PERIOD OF MODERATE STRONG WINDS DUE TO STRENGTHENING MSLP/THERMAL/HEIGHT GRADIENTS...WITH GUSTS TO 55 MPH POSSIBLE...WILL OCCUR FROM THE MOUNTAIN CRESTS EAST/NORTHEAST TO THE DESERT FOOTHILLS...AND A WIND ADVISORY MAY BE NEEDED FOR THOSE AREAS MONDAY AFTERNOON/NIGHT. SOME MOISTURE WILL BE LINGERING TUE/WED...BUT PRECIP SHOULD MOSTLY BE LIGHT THEN AND MOSTLY IN SAN DIEGO COUNTY DUE TO BEST OVER-THE-WATER TRAJECTORIES AND BEST TRACK OF THE WAVES MOVING AROUND THE BASE OF THE TROUGH. TEMPS WILL BE THE LOWEST SO FAR THIS SEASON WITH A LOT OF 60S IN THE VALLEYS AND POSSIBLY NOT REACHING 40 AT BIG BEAR EITHER TUE OR WED. SOME 30S COULD OCCUR IN COLDEST VALLEYS...SUCH AS RAMONA OR CORONA...STARTING TUESDAY NIGHT.

AFTER WED...THE TROUGH MOVES EAST...AND WE ENTER A PERIOD OF NORTHWEST FLOW. SOME RIDGING FROM THE WEST/SOUTHWEST WILL OCCUR...BUT NOT AS STRONG AS RECENT RIDGES. TEMPS SHOULD INCREASE TO NEAR NORMAL BY FRIDAY AND A LITTLE ABOVE NORMAL NEXT WEEKEND...BUT NOTHING EXTREME. WEAK OFFSHORE FLOW WILL OCCUR...BUT THERMAL SUPPORT SO FAR LOOKS UNFAVORABLE FOR MORE THAT LOCALLY GUSTY MODERATE WINDS IN THE MOUNTAINS/COASTAL FOOTHILLS.

&&

.AVIATION...

011730Z...COASTS/VALLEYS...SKC WITH UNRESTRICTED VIS THROUGH THIS AFTERNOON. LOW CLOUDS AND PATCHY FOG WILL REDEVELOP ALONG THE COAST THIS EVENING...THEN PUSH INLAND BETWEEN 03Z AND 07Z MONDAY. CIGS MAY INITIALLY BE RELATIVELY LOW...AROUND 400-700 FT MSL...WITH VIS RESTRICTIONS OF 2 SM OR LESS POSSIBLE AT KSAN...KCRQ...AND KSNA. VIS WILL FALL BELOW 1/2 SM AT TIMES ALONG THE HIGHER COASTAL TERRAIN. THE MOST PROBABLE TIME FOR IMPACTS AT THE COASTAL TAF SITES APPEARS TO BE 06Z TO 10Z. BASES SHOULD BEGIN TO LIFT BY 12Z...WITH LOW CLOUDS PUSHING 10-25 MILES INLAND BY 14Z MONDAY. BKN-OVC CIGS NEAR 2000 FT MSL WILL PREVAIL BY AFTERNOON.

MOUNTAINS/DESERTS...GUSTY WESTERLY WINDS WILL DEVELOP OVER DESERT SLOPES AFTER 10Z MONDAY...WITH OCCASIONAL GUSTS TO 50 KT POSSIBLE ON MONDAY. SIGNIFICANT WIND IMPACTS ARE NOT EXPECTED A KPSP OR KTRM. OUTSIDE OF THE WINDS...SKC-FEW WITH UNRESTRICTED VIS WILL PREVAIL INTO MONDAY AFTERNOON.

&&

.MARINE...

930 AM...NO HAZARDOUS MARINE WEATHER IS EXPECTED THROUGH MONDAY AFTERNOON. STRONG NORTHWEST WINDS WILL DEVELOP MONDAY EVENING...AND PERSIST INTO WEDNESDAY MORNING. SUSTAINED WINDS IN EXCESS OF 20 KT AND GUSTS TO 34 KT ARE LIKELY OVERNIGHT MONDAY INTO THE DAY ON TUESDAY. COMBINED SEAS NEAR OR ABOVE 10 FT AND STEEP WAVES WILL ALSO CREATE HAZARDOUS BOATING CONDITIONS DURING THIS TIME PERIOD. SHOWERS WILL MOVE OVER THE COASTAL WATERS AT TIMES MONDAY AFTERNOON THROUGH WEDNESDAY...WITH THE MOST PRONOUNCED ACTIVITY OCCURRING MONDAY NIGHT.

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WMUS76 KSGX 012158
NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
158 PM PST SUN NOV 1 2015

...GUSTY WINDS MONDAY AFTERNOON THROUGH MONDAY NIGHT OVER HIGHER
MOUNTAIN RIDGES AND DESERT SLOPES...

.A LOW PRESSURE TROUGH WILL MOVE INTO SOUTHERN CALIFORNIA MONDAY
AFTERNOON AND BRING AREAS OF GUSTY WINDS FROM THE MOUNTAIN CRESTS
EAST AND NORTHEAST TO THE DESERT FOOTHILLS AND IN SECTIONS OF THE
HIGH DESERTS OF SAN BERNARDINO COUNTY AND NEAR SAN GORGONIO PASS.
WINDS WILL BE WEST TO SOUTHWEST 15 TO 30 MPH WITH GUSTS 40 TO
LOCALLY 55 MPH. WINDS WILL GRADUALLY DIMINISH LATE MONDAY NIGHT
AND TUESDAY MORNING.

CAZ055-056-058-060-065-020600-
/O.NEW.KSGX.WI.Y.0026.151102T2000Z-151103T1100Z/
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
SAN GORGONIO PASS NEAR BANNING-
158 PM PST SUN NOV 1 2015

...WIND ADVISORY IN EFFECT FROM NOON MONDAY TO 3 AM PST TUESDAY...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A WIND
ADVISORY...WHICH IS IN EFFECT FROM NOON MONDAY TO 3 AM PST
TUESDAY.

* WINDS...WEST TO SOUTHWEST 15 TO 30 MPH WITH GUSTS 40 TO LOCALLY
55 MPH.

* TIMING...MONDAY AFTERNOON AND NIGHT

* LOCATION...MOUNTAIN CRESTS...DESERT SLOPES...DESERT
FOOTHILLS...HIGH DESERTS OF SOUTHWESTERN SAN BERNARDINO COUNTY
AND NEAR SAN GORGONIO PASS.

* IMPACTS...DRIVING OF HIGH-PROFILE VEHICLES WILL BE
DIFFICULT...INCLUDING ALONG INTERSTATE 10 THROUGH SAN GORGONIO
PASS AND HIGHWAY 247 NEAR LUCERNE VALLEY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH
PROFILE VEHICLES. USE EXTRA CAUTION.

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\$\$
MAXWELL

IOWA STATE
UNIVERSITY

College of Ag
Department of Agronomy

Department of Agronomy

716 Farm House Ln
Ames, IA 50011

akrherz@iastate.edu
515-294-5978 phone

471
FXUS66 KSGX 012203
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
200 PM PST SUN NOV 1 2015

.SYNOPSIS... SOME FOG WILL OCCUR TONIGHT NEAR THE COAST AS A MARINE LAYER PUSHES ONTO THE COAST. A LOW PRESSURE TROUGH MOVING IN FROM THE NORTHWEST WILL BRING MUCH COOLER WEATHER MONDAY WITH SHOWERS LATE MONDAY OR MONDAY NIGHT. WINDY CONDITIONS WILL OCCUR IN THE MOUNTAINS AND DESERTS MONDAY AFTERNOON AND MONDAY NIGHT. A FEW SHOWERS COULD OCCUR PERIODICALLY TUESDAY THROUGH WEDNESDAY AS THE LOW PRESSURE TROUGH CONTINUES...AND TEMPERATURES WILL BE BELOW NORMAL. A LITTLE BIT OF SNOW IS POSSIBLE IN THE HIGHER MOUNTAINS...MAINLY IN SAN BERNARDINO COUNTY. DRY WARMER WEATHER WILL RETURN THURSDAY AND CONTINUE THROUGH NEXT WEEKEND.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

SKIES WERE CLEAR THIS AFTERNOON EXCEPT FOR A FEW PATCHES OF STRATUS/FOG OVER THE COASTAL WATERS. TEMPERATURES WERE A FEW DEGREES LOWER IN COASTAL AND VALLEY AREAS VERSUS 24 HOURS AGO STANDARD TIME BUT ARE SIMILAR OR EVEN SLIGHTLY HIGHER IN THE MOUNTAINS. THE MARINE LAYER STRATUS AND SOME FOG SHOULD ARRIVE OVERNIGHT...WITH ONLY PARTIAL CLEARING ON MONDAY AS THE MARINE LAYER DEEPENS RAPIDLY IN RESPONSE TO THE APPROACHING LOW PRESSURE TROUGH.

THE UPPER LOW IS STILL PROGGED TO MOVE INTO SO-CAL LATE MONDAY...WITH PRECIP LIKELY STARTING IN THE LATE AFTERNOON OVER ORANGE COUNTY AND WESTERN PARTS OF THE INLAND EMPIRE/SBD MOUNTAINS...THEN SPREADING SOUTH AND EAST DURING THE EVENING...BASED ON DYNAMICS AND MOISTURE PROFILES. THE MOISTURE STILL ONLY GOES UP TO ABOUT 800 MB IN MOST AREAS...SO RAINFALL AMOUNTS WILL BE RELATIVELY LIGHT...THOUGH WITH A COLD FRONT COMING THROUGH THERE COULD BE AN HOUR OR SO OF DYNAMICALLY DRIVEN MODERATE RAIN. OVERALL...IT LOOKS LIKE 1/4 INCH OR LESS AT THE COAST...BUT 1/2 TO LOCALLY ONE INCH IN THE MOUNTAINS...WITH LOCAL WRF SHOWING DECENT PRECIP IN THE SAN BERNARDINO COUNTY MOUNTAINS IN THAT RANGE DUE TO A COMBINATION OF OROGRAPHICS AND DYNAMICS THERE. COLDER AIR WILL BE ARRIVING BEHIND THE FRONT AS 700 MB TEMPS WILL FALL TO AROUND -5 C...BUT...THAT WILL BE MOSTLY AFTER THE BEST MOISTURE IS HERE...SO SNOWFALL WILL BE RATHER LIGHT IN THE MOUNTAINS...ABOVE ABOUT 6000-6500 FEET...PROBABLY ONLY 1-2 INCHES. THERE WILL BE SOME INSTABILITY ALOFT DUE TO THE COLD CORE...BUT AGAIN THAT WILL BE AFTER MOST OF THE PRECIP MOVES THROUGH...SO WILL LEAVE THUNDERSTORMS OUT OF THE FORECAST FOR NOW. A PERIOD OF MODERATE STRONG WINDS DUE TO STRENGTHENING MSLP/THERMAL/HEIGHT GRADIENTS...WITH GUSTS TO 55 MPH POSSIBLE...WILL OCCUR FROM THE MOUNTAIN CRESTS EAST/NORTHEAST TO THE DESERT FOOTHILLS...AND A WIND ADVISORY MAY BE NEEDED FOR THOSE AREAS MONDAY AFTERNOON/NIGHT. SOME MOISTURE WILL BE LINGERING TUE/WED...BUT PRECIP SHOULD MOSTLY BE LIGHT THEN AND MOSTLY IN SAN DIEGO COUNTY DUE TO BEST OVER-THE-WATER TRAJECTORIES AND BEST TRACK OF THE WAVES MOVING AROUND THE BASE OF THE TROUGH. TEMPS WILL BE THE LOWEST SO FAR THIS SEASON WITH A LOT OF 60S IN THE VALLEYS AND POSSIBLY NOT REACHING 40 AT BIG BEAR EITHER TUE OR WED. SOME 30S COULD OCCUR IN COLDEST VALLEYS...SUCH AS RAMONA OR CORONA...STARTING TUESDAY NIGHT.

AFTER WED...THE TROUGH MOVES EAST...AND WE ENTER A PERIOD OF NORTHWEST FLOW. SOME RIDGING FROM THE WEST/SOUTHWEST WILL OCCUR...BUT NOT AS STRONG AS RECENT RIDGES. TEMPS SHOULD INCREASE TO NEAR NORMAL BY FRIDAY AND A LITTLE ABOVE NORMAL NEXT WEEKEND...BUT NOTHING EXTREME. WEAK OFFSHORE FLOW WILL OCCUR...BUT THERMAL SUPPORT SO FAR LOOKS UNFAVORABLE FOR MORE THAN LOCALLY GUSTY MODERATE WINDS IN THE MOUNTAINS/COASTAL FOOTHILLS.

&&

.AVIATION...
012145Z...COASTS/VALLEYS...SKC WITH UNRESTRICTED VIS THROUGH THIS AFTERNOON. LOW CLOUDS AND PATCHY FOG WILL REDEVELOP ALONG THE COAST THIS EVENING...THEN PUSH INLAND BETWEEN 03Z AND 07Z MONDAY. CIGS MAY INITIALLY BE RELATIVELY LOW...AROUND 400-700 FT MSL...WITH VIS RESTRICTIONS OF 2 SM OR LESS POSSIBLE AT KSN...KCRQ...AND KRNA. VIS

WILL FALL BELOW 1/2 SM AT TIMES ALONG THE HIGHER COASTAL TERRAIN.
THE MOST PROBABLE TIME FOR IMPACTS AT THE COASTAL TAF SITES APPEARS
TO BE 06Z TO 10Z. BASES SHOULD BEGIN TO LIFT BY 12Z...WITH LOW
CLOUDS PUSHING 10-25 MILES INLAND BY 16Z MONDAY. BKN-OVC CIGS NEAR
2000 FT MSL WILL PREVAIL BY AFTERNOON.

MOUNTAINS/DESERTS...GUSTY WESTERLY WINDS WILL DEVELOP OVER DESERT
SLOPES AFTER 10Z MONDAY...WITH OCCASIONAL GUSTS TO 50 KT POSSIBLE ON
MONDAY. SIGNIFICANT WIND IMPACTS ARE NOT EXPECTED A KPSP OR KTRM.
OUTSIDE OF THE WINDS..SKC-SCT WITH UNRESTRICTED VIS WILL PREVAIL
INTO MONDAY AFTERNOON.

&&

.MARINE...
145 PM...NO HAZARDOUS MARINE WEATHER IS EXPECTED THROUGH MONDAY
MORNING. SUSTAINED NORTHWEST WINDS IN EXCESS OF 20 KT...WITH GUSTS
TO 30 KT...ARE LIKELY MONDAY EVENING THROUGH TUESDAY EVENING. ALONG
WITH THE WINDS...COMBINED SEAS NEAR 10 FT AND STEEP WAVES WILL
CREATE HAZARDOUS BOATING CONDITIONS. A SMALL CRAFT ADVISORY HAS BEEN
ISSUED FROM 1 PM MONDAY THROUGH 6 PM TUESDAY...SEE MWMSGX FOR
ADDITIONAL DETAILS. SHOWERS WILL MOVE OVER THE COASTAL WATERS AT
TIMES MONDAY EVENING THROUGH WEDNESDAY...WITH THE MOST PRONOUNCED
ACTIVITY OCCURRING MONDAY NIGHT. QUIETER WEATHER CONDITIONS WILL
ARRIVE ON THURSDAY AND FRIDAY.

&&

.SKYWARN...
SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE
ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...
CA...WIND ADVISORY FROM NOON MONDAY TO 3 AM PST TUESDAY FOR APPLE AND
LUCERNE VALLEYS-RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO
COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO
PASS NEAR BANNING.

PZ...SMALL CRAFT ADVISORY FROM 1 PM MONDAY TO 6 PM PST TUESDAY FOR
COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER
AND OUT TO 30 NM-WATERS FROM SAN MATEO POINT TO THE MEXICAN
BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE
ISLAND.

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PUBLIC...MAXWELL
AVIATION/MARINE...ALBRIGHT

IOWA STATE
UNIVERSITY

College of Ag
Department of Agronomy

Department of Agronomy
716 Farm House Ln
Ames, IA 50011

akrherz@iastate.edu
515-294-5978 phone

-  Facebook
-  Twitter
-  Github

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AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
230 PM MST SUN NOV 1 2015

.SYNOPSIS...

HIGH PRESSURE HAS BUILT INTO THE REGION THIS WEEKEND RESULTING CLEAR SKIES AND A RETURN TO NEAR NORMAL TEMPERATURES. BIGGER WEATHER CHANGES WILL AFFECT THE REGION BY THE MIDDLE OF THE WEEK AS A FAIRLY STRONG WEATHER SYSTEM MOVES THROUGH THE AREA. SUBSTANTIALLY COOLER TEMPERATURES WILL BE COMMON BY TUESDAY...THOUGH ONLY COMING WITH A LIMITED CHANCE OF LIGHT RAIN.

&&

.DISCUSSION...

AFTERNOON WV SATELLITE IMAGERY DEPICTS FLAT RIDGING AND DEEP SUBSIDENT FLOW OVER THE SWRN CONUS...WHILE 12Z REGIONAL SOUNDINGS SHOW NEARLY STEADY STATE MIDLEVEL HEIGHTS (H5 NEAR 585DM). RATHER SIGNIFICANT WARMING HAS BEEN SAMPLED IN MUCH OF THE H8-H7 LAYER (KTWC WARMED AS MUCH AS 6C SINCE SATURDAY 12Z) WHICH HAS RESULTED IN AFTERNOON TEMPERATURES TODAY GENERALLY 2F-5F WARMER THAN SATURDAY. WHILE HEIGHTS ALOFT WILL BEGIN FALL RATHER QUICKLY LATE MONDAY AFTERNOON...TEMPERATURES IN THE SFC-H7 LAYER WILL ACTUALLY CONTINUE WARMING ALLOWING AFTERNOON HIGHS TO RETURN TO A NEAR PERSISTENCE (OR POSSIBLY +1F TO 2F) FORECAST.

OPERATIONAL MODELS ARE IN REMARKABLE AGREEMENT WITH RESPECT TO A PROGRESSIVE LONGWAVE TROUGH MOVING THROUGH THE WRN CONUS DURING THE FIRST OF OF THE WEEK. ALTHOUGH SLIGHTLY SLOWER THAN PREVIOUS SOLUTIONS FROM A FEW DAYS AGO...THERE IS GENERAL CONSISTENCY SHOWING SUBSTANTIAL HEIGHT FALLS (H5 HEIGHTS AS LOW AS 558DM THROUGH CNTRL ARIZONA) AND A STRONG COLD FRONTAL PASSAGE THROUGHOUT THE FORECAST AREA. THE INITIAL LEAD SHORTWAVE ROTATING THROUGH THE TROUGH WILL LIFT WELL NORTH OF THE AREA TUESDAY MORNING...HOWEVER WILL BRING A STEEP FRONTAL BOUNDARY TO ABOUT THE COLORADO RIVER BY SUNRISE. DURING THE DAYLIGHT HOURS...THIS FRONT WILL PROPAGATE INTO CNTRL ARIZONA THOUGH WELL AHEAD OF THE COLD CORE ALOFT AND MAIN TROUGH AXIS.

THERE IS ALSO STILL LITTLE OPERATIONAL MODEL OR ENSEMBLE SUPPORT FOR WIDESPREAD PRECIPITATION FROM THIS FRONTAL BOUNDARY OR WEATHER SYSTEM AS A WHOLE. DESPITE RATHER GOOD FRONTOGENETICAL FORCING...MOISTURE FORECASTS REMAIN VERY DISJOINTED AND LIMITED...AS WELL AS FAR REMOVED FROM COOLER TEMPERATURES AND BETTER LAPSE RATES ALOFT. ALSO GIVEN THE FORWARD SPEED OF THE FRONTAL BOUNDARY...ANY BRIEF RAIN SHOWERS MAY NOT EVEN AMOUNT TO ACCUMULATIONS. HAVE CONTINUED TO HEDGE FORECAST POPS TOWARDS SREF MEANS...LIMITING THE BEST MEAGER RAINFALL CHANCES PRIMARILY TO OROGRAPHICALLY INFLUENCED

REGIONS NORTH AND EAST OF PHOENIX. BY ALL SUBJECTIVE MEASURES...THE BEST CHANCE OF SHOWERS LOOKS TO BE ON WEDNESDAY AS ANOTHER MIDLEVEL DISTURBANCE SWINGS THROUGH THE REGION AND MORE DIRECTLY AFFECTS SOUTHERN AND CENTRAL ARIZONA. HIGHEST POPS ARE STILL ONLY IN THE CHANCE CATEGORY AS MOISTURE AVAILABILITY WILL REMAIN EVEN MORE LIMITED BEHIND THE COLD FRONT. BY FAR THE MOST NOTABLE EFFECT FROM THIS SYSTEM WILL BE A SIGNIFICANTLY COOLER AIRMASS PLUNGING INTO THE SWRN CONUS. THOUGH THERE IS MORE SPREAD IN TEMPERATURE FORECASTS THAN WOULD BE EXPECTED GIVEN THE MODEL AGREEMENT WITH RESPECT TO THE PATTERN...HAVE CONTINUED TO HEDGE FORECASTS TOWARDS RAW MODEL OUTPUT AND FEEL EVEN SOME LOWER DESERT LOCATIONS MAY BE STRUGGLING TO REACH THE 70F THRESHOLD FOR A COUPLE DAYS BEHIND THIS COLD FRONTAL PASSAGE.

ONCE THIS DISTURBANCE MOVES EAST WEDNESDAY NIGHT...THE TROUGH WILL BEGIN TO QUICKLY LIFT NORTHEASTWARD OUT OF THE REGION LEAVING MUCH DRIER AIR BEHIND AND ENDING RAIN CHANCES AS EARLY AS THURSDAY MORNING. FOR FRIDAY INTO NEXT WEEKEND...A BROAD TROUGHING SYNOPTIC REGIME IS LIKELY TO STAY IN PLACE...BUT A DRY AIRMASS WILL KEEP OUR POPS LESS THAN 10 PERCENT. WE SHOULD HAVE SOME TEMPERATURE RECOVERY WITH READINGS BACK TO NEAR NORMAL BY NEXT SATURDAY.

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.AVIATION...

SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...AND SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...

NO AVIATION WEATHER CONCERNS THROUGH MONDAY. LIGHT DIURNAL WINDS AND CLEAR SKIES WILL PREVAIL AT ALL TAF SITES.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...

TUESDAY THROUGH SUNDAY...

A RATHER STRONG WEATHER SYSTEM WILL MOVE THROUGH THE DISTRICT DURING THE MIDDLE OF THE WEEK...WITH TEMPERATURES FALLING BELOW AVERAGE CATEGORY WHILE MINIMUM AFTERNOON HUMIDITY LEVELS WILL INCREASE TO A 25 TO 40 PERCENT RANGE. OVERNIGHT RECOVERY WILL BE GOOD TO EXCELLENT DURING THIS TIME FRAME. WHILE A FEW SHOWERS WILL BE POSSIBLE...THE CHANCE OF WETTING RAINS WILL VERY LIMITED (MOST TO HIGHER TERRAIN LOCATIONS). BY THE END OF THE WEEK...SOMEWHAT DRIER AND WARMER WEATHER WILL RETURN THOUGH NOT YIELDING ANY FIRE WEATHER CONCERNS.

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.SPOTTER INFORMATION STATEMENT...

SPOTTERS ARE ENCOURAGED TO REPORT BASED ON STANDARD OPERATING PROCEDURES.

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AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
907 PM PST SUN NOV 1 2015

.UPDATE...

LOW CLOUDS AND FOG HAVE FORMED OVER THE COASTAL WATERS OFF SOUTHERN SAN DIEGO COUNTY AND ARE BEGINNING TO IMPACT THE IMMEDIATE SAN DIEGO AREA. LOW CLOUDS AND FOG WILL LIKELY MAKE LITTLE PROGRESS FOR MUCH OF THE EVENING DUE TO VERY LIGHT ONSHORE BUT CLOSER TO DAYBREAK WE EXPECT SOME FURTHER DEVELOPMENT AND PUSH A FEW MILES IMPACT EXCEPT TO THE IMMEDIATE COAST BUT WILL LIKELY MOVE A BIT INLAND AND LIFT A BIT TOWARDS DAYBREAK DUE TO SLIGHT INCREASE IN LOW LEVEL MOISTURE AND STRONGER MARINE INVERSION.

DEVELOPING LOW PRESSURE TROUGH ON MONDAY WILL BRING RAIN SHOWERS INTO OUR AREA BEGINNING AROUND SUNSET MONDAY EVENING OVER SAN BERNARDINO AND ORANGE COUNTIES...QUICKLY SPREADING SOUTH OVERNIGHT. THE FORECAST REMAINS AS IS WITH SOME CONTINUED VARIABILITY IN THE POTENTIAL PRECIPITATION AMOUNTS STILL BEING INDICATED IN MODELS. THE BEST CHANCE FOR PRECIP STILL LOOKS TO BE OVERNIGHT MONDAY INTO EARLY TUESDAY MORNING. SECONDARY WAVES WORKING AROUND THE LOW TUESDAY THROUGH WEDNESDAY COULD BRING ADDITIONAL SCATTERED PRECIPITATION. AN INCH OR TWO OF SNOW WILL BE LIKELY BETWEEN 6000 TO 8000 FEET...WITH UP TO 6 INCHES OF SNOWFALL IN THE HIGHEST PEAKS OF THE SAN BERNARDINO AND RIVERSIDE COUNTY MOUNTAINS. IMPACTS ARE EXPECTED TO BE MINIMAL AT THIS TIME DUE TO THE SLUSHY SNOW ACCUMULATION IN THE IMPACT AREAS. DRY WEATHER IS STILL EXPECTED AFTER WEDNESDAY AND CONTINUING THROUGH NEXT WEEKEND...WITH RENEWED WARMING TEMPS ALOFT AND LIGHT OFFSHORE DEVELOPING...BRINGING ABOVE NORMAL TEMPERATURES ONCE AGAIN TO SOUTHERN CALIFORNIA.

&&

.SYNOPSIS...

SOME FOG WILL OCCUR TONIGHT NEAR THE COAST AS A MARINE LAYER PUSHES ONTO THE COAST. A LOW PRESSURE TROUGH MOVING IN FROM THE NORTHWEST WILL BRING MUCH COOLER WEATHER MONDAY WITH SHOWERS LATE MONDAY OR MONDAY NIGHT. WINDY CONDITIONS WILL OCCUR IN THE MOUNTAINS AND DESERTS MONDAY AFTERNOON AND MONDAY NIGHT. A FEW SHOWERS COULD OCCUR PERIODICALLY TUESDAY THROUGH WEDNESDAY AS THE LOW PRESSURE TROUGH CONTINUES...AND TEMPERATURES WILL BE BELOW NORMAL. A LITTLE BIT OF SNOW IS POSSIBLE IN THE HIGHER MOUNTAINS...MAINLY IN SAN BERNARDINO COUNTY. DRY WARMER WEATHER WILL RETURN THURSDAY AND CONTINUE THROUGH NEXT WEEKEND.

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.PREVIOUS DISCUSSION (ISSUED AT 200 PM PST)...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

SKIES WERE CLEAR THIS AFTERNOON EXCEPT FOR A FEW PATCHES OF STRATUS/FOG OVER THE COASTAL WATERS. TEMPERATURES WERE A FEW DEGREES LOWER IN COASTAL AND VALLEY AREAS VERSUS 24 HOURS AGO STANDARD TIME BUT ARE SIMILAR OR EVEN SLIGHTLY HIGHER IN THE MOUNTAINS. THE MARINE LAYER STRATUS AND SOME FOG SHOULD ARRIVE OVERNIGHT...WITH ONLY PARTIAL CLEARING ON MONDAY AS THE MARINE LAYER DEEPENS RAPIDLY IN RESPONSE TO THE APPROACHING LOW PRESSURE TROUGH.

THE UPPER LOW IS STILL PROGGED TO MOVE INTO SO-CAL LATE MONDAY...WITH PRECIP LIKELY STARTING IN THE LATE AFTERNOON OVER ORANGE COUNTY AND WESTERN PARTS OF THE INLAND EMPIRE/SBD MOUNTAINS...THEN SPREADING SOUTH AND EAST DURING THE EVENING...BASED ON DYNAMICS AND MOISTURE PROFILES. THE MOISTURE STILL ONLY GOES UP TO ABOUT 800 MB IN MOST AREAS...SO RAINFALL AMOUNTS WILL BE RELATIVELY LIGHT...THOUGH WITH A COLD FRONT COMING THROUGH THERE COULD BE AN HOUR OR SO OF DYNAMICALLY DRIVEN MODERATE RAIN. OVERALL...IT LOOKS LIKE 1/4 INCH OR LESS AT THE COAST...BUT 1/2 TO LOCALLY ONE INCH IN THE MOUNTAINS...WITH LOCAL WRF SHOWING DECENT PRECIP IN THE SAN BERNARDINO COUNTY MOUNTAINS IN THAT RANGE DUE TO A COMBINATION OF OROGRAPHICS AND DYNAMICS THERE. COLDER AIR WILL BE ARRIVING BEHIND THE FRONT AS 700 MB TEMPS WILL FALL TO AROUND -5 C...BUT...THAT WILL BE MOSTLY AFTER THE BEST MOISTURE IS HERE...SO SNOWFALL WILL BE RATHER LIGHT IN THE MOUNTAINS...ABOVE ABOUT 6000-6500 FEET...PROBABLY ONLY 1-2 INCHES. THERE WILL BE SOME INSTABILITY ALOFT DUE TO THE COLD CORE...BUT AGAIN THAT WILL BE AFTER MOST OF THE PRECIP MOVES THROUGH...SO WILL LEAVE THUNDERSTORMS OUT OF THE FORECAST FOR NOW. A PERIOD OF MODERATE STRONG WINDS DUE TO STRENGTHENING MSLP/THERMAL/HEIGHT GRADIENTS...WITH GUSTS TO 55 MPH POSSIBLE...WILL OCCUR FROM THE MOUNTAIN CRESTS EAST/NORTHEAST TO THE DESERT FOOTHILLS...AND A WIND ADVISORY MAY BE NEEDED FOR THOSE AREAS MONDAY AFTERNOON/NIGHT. SOME MOISTURE WILL BE LINGERING TUE/WED...BUT PRECIP SHOULD MOSTLY BE LIGHT THEN AND MOSTLY IN SAN DIEGO COUNTY DUE TO BEST OVER-THE-WATER TRAJECTORIES AND BEST TRACK OF THE WAVES MOVING AROUND THE BASE OF THE TROUGH. TEMPS WILL BE THE LOWEST SO FAR THIS SEASON WITH A LOT OF 60S IN THE VALLEYS AND POSSIBLY NOT REACHING 40 AT BIG BEAR EITHER TUE OR WED. SOME 30S COULD OCCUR IN COLDEST VALLEYS...SUCH AS RAMONA OR CORONA...STARTING TUESDAY NIGHT.

AFTER WED...THE TROUGH MOVES EAST...AND WE ENTER A PERIOD OF NORTHWEST FLOW. SOME RIDGING FROM THE WEST/SOUTHWEST WILL OCCUR...BUT NOT AS STRONG AS RECENT RIDGES. TEMPS SHOULD INCREASE TO NEAR NORMAL BY FRIDAY AND A LITTLE ABOVE NORMAL NEXT WEEKEND...BUT NOTHING EXTREME. WEAK OFFSHORE FLOW WILL OCCUR...BUT THERMAL SUPPORT SO FAR LOOKS UNFAVORABLE FOR MORE THAN LOCALLY GUSTY MODERATE WINDS IN THE MOUNTAINS/COASTAL FOOTHILLS.

&&

.AVIATION...

020415Z...COASTS/VALLEYS...SKC WITH UNRESTRICTED VIS THROUGH MOST OF TONIGHT...WITH THE EXCEPTION OF SCT/BKN LOW CLOUDS AND FOG ALONG THE IMMEDIATE COASTAL ZONES NEAR THE SOUTHERN SAN DIEGO COUNTY BORDER. BETWEEN 02/0800Z-1000Z...A MORE PRONOUNCED LOW CLOUD DECK WITH BASES BETWEEN 300-700 FT MSL IS FORECAST TO FORM OVER THE NEAR SHORE WATERS. THESE CLOUDS WILL MOVE ONSHORE AFT 02/1000Z AND AFFECT MANY OF THE COASTAL AIRPORTS INCLUDING KSNA...KCRQ...AND KSAN. VIS WILL QUICKLY DROP TO BETWEEN 1-3 SM IN SPOTS...WITH PATCHES OF DENSE FOG. CONFIDENCE OF OCCURRENCE IS MODERATE. AS THE MORNING PROGRESSES...THIS LAYER WILL RISE A COUPLE HUNDRED FEET...REDUCING VISIBILITY OVER THE LOWER COASTAL SLOPES. BY AFTERNOON...BKN/SCT LOW CLOUDS WILL FILL THE COASTAL BASIN WITH BASES AROUND 1500 FT MSL AND TOPS 2000 FT MSL.

MOUNTAINS/DESERTS...GUSTY WESTERLY WINDS WILL DEVELOP OVER DESERT SLOPES AFTER 10Z MONDAY...WITH OCCASIONAL GUSTS TO 50 KT POSSIBLE ON MONDAY. SIGNIFICANT WIND IMPACTS ARE NOT EXPECTED A KPSP OR KTRM. OUTSIDE OF THE WINDS..SKC-SCT WITH UNRESTRICTED VIS WILL PREVAIL INTO MONDAY AFTERNOON.

&&

.MARINE...

800 PM...NO HAZARDOUS MARINE WEATHER IS EXPECTED THROUGH MONDAY MORNING. SUSTAINED NORTHWEST WINDS IN EXCESS OF 20 KT...WITH GUSTS TO 30 KT...ARE LIKELY MONDAY EVENING THROUGH TUESDAY EVENING. ALONG WITH THE WINDS...COMBINED SEAS NEAR 10 FT AND STEEP WAVES WILL CREATE HAZARDOUS BOATING CONDITIONS. A SMALL CRAFT ADVISORY HAS BEEN ISSUED FROM 1 PM MONDAY THROUGH 6 PM TUESDAY...SEE MWWSGX FOR ADDITIONAL DETAILS. SHOWERS WILL MOVE OVER THE COASTAL WATERS AT TIMES MONDAY EVENING THROUGH WEDNESDAY...WITH THE MOST PRONOUNCED ACTIVITY OCCURRING MONDAY NIGHT. QUIETER WEATHER CONDITIONS WILL ARRIVE ON THURSDAY AND FRIDAY.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...WIND ADVISORY FROM NOON MONDAY TO 3 AM PST TUESDAY FOR APPLE AND LUCERNE VALLEYS-RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO PASS NEAR BANNING.

PZ...SMALL CRAFT ADVISORY FROM 1 PM MONDAY TO 6 PM PST TUESDAY FOR COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT TO 30 NM-WATERS FROM SAN MATEO POINT TO THE MEXICAN

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NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
934 PM PST SUN NOV 1 2015

...STRONG AND GUSTY WINDS MONDAY AFTERNOON THROUGH MONDAY NIGHT
OVER HIGHER MOUNTAINS AND DESERT SLOPES...

.LOW PRESSURE WILL MOVE INTO SOUTHERN CALIFORNIA MONDAY AFTERNOON
AND BRING AREAS OF GUSTY WINDS FROM THE MOUNTAIN CRESTS EAST AND
NORTHEAST TO THE DESERT FOOTHILLS. STRONG WINDS WILL ALSO AFFECT
THE HIGH DESERTS OF SAN BERNARDINO COUNTY AND NEAR SAN GORGONIO
PASS. WINDS WILL BE WEST TO SOUTHWEST 20 TO 30 MPH WITH OCCASIONAL GUSTS
TO 55 MPH. GUSTS UP TO 65 MPH IN THE MOST WIND PRONE LOCATIONS
SUCH AS THE SAN GORGONIO AND INTERSTATE 8 PASSES. WINDS WILL
GRADUALLY DIMINISH LATE MONDAY NIGHT INTO TUESDAY MORNING.

CAZ055-056-058-060-065-021400-
/O.CON.KSGX.WI.Y.0026.151102T2000Z-151103T1100Z/
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
SAN GORGONIO PASS NEAR BANNING-
934 PM PST SUN NOV 1 2015

...WIND ADVISORY REMAINS IN EFFECT FROM NOON MONDAY TO 3 AM PST
TUESDAY...

* WINDS...WEST TO SOUTHWEST 20 TO 30 MPH WITH GUSTS TO 55 MPH.
GUSTS UP TO 65 MPH IN THE MOST WIND PRONE PASSES...CANYONS AND
DESERT SLOPES.

* TIMING...MONDAY AFTERNOON AND NIGHT

* LOCATION...MOUNTAIN AND DESERTS. THE WINDIEST LOCATIONS WILL BE
THE RIDGETOPS...PASSES AND DESERT SLOPES...SUCH AS THE SAN
GORGONIO AND INTERSTATE 8 PASSES.

* IMPACTS...DRIVING OF HIGH-PROFILE VEHICLES WILL BE DIFFICULT...
INCLUDING ALONG INTERSTATE 10 THROUGH SAN GORGONIO PASS AND
HIGHWAY 247 NEAR LUCERNE VALLEY. AREAS OF BLOWING DUST MAY
SEVERELY REDUCE VISIBILITY AT TIMES.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH
PROFILE VEHICLES. USE EXTRA CAUTION.

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IOWA STATE
UNIVERSITY

College of Ag
Department of Agronomy

Department of Agronomy
716 Farm House Ln
Ames, IA 50011

akrherz@iastate.edu
515-294-5978 phone



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URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
254 AM PST MON NOV 2 2015

...STRONG AND GUSTY WINDS DEVELOPING TODAY THROUGH NIGHT OVER
THE HIGHER MOUNTAINS AND DESERT SLOPES...

.SURFACE LOW PRESSURE DEVELOPING OVER NEVADA WILL PULL STRONG
WESTERLY WINDS OVER THE MOUNTAIN CRESTS AND ONTO THE DESERT
SLOPES LATER THIS MORNING THROUGH TONIGHT. GUSTY WINDS WILL ALSO
AFFECT THE HIGH DESERTS OF SAN BERNARDINO COUNTY AND NEAR THE SAN
GORGONIO PASS. STRONGEST WINDS ARE EXPECTED THIS EVENING WHEN
LOCAL GUSTS TO 65 MPH ARE POSSIBLE. WINDS WILL GRADUALLY DIMINISH
LATE MONDAY NIGHT INTO TUESDAY MORNING.

CAZ055-056-058-060-065-021800-
/O.EXT.KSGX.WI.Y.0026.151102T1800Z-151103T1100Z/
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
SAN GORGONIO PASS NEAR BANNING-
254 AM PST MON NOV 2 2015

...WIND ADVISORY NOW IN EFFECT FROM 10 AM THIS MORNING TO 3 AM
PST TUESDAY...

* WINDS...WEST TO SOUTHWEST 20 TO 30 MPH WITH GUSTS TO 55 MPH.
LOCAL GUSTS UP TO 65 MPH ON THE DESERT SLOPES AND FOOTHILLS.

* TIMING...LATE THIS MORNING THROUGH TONIGHT

* LOCATION...MOUNTAIN AND DESERTS. THE WINDIEST LOCATIONS WILL
BE THE RIDGETOPS...PASSES AND DESERT SLOPES...SUCH AS THE SAN
GORGONIO AND INTERSTATE 8 PASSES.

* IMPACTS...DRIVING OF HIGH-PROFILE VEHICLES WILL BE DIFFICULT...
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A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH
PROFILE VEHICLES. USE EXTRA CAUTION.

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AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
255 AM MST MON NOV 2 2015

.SYNOPSIS... AFTER ONE MORE DAY OF ABOVE NORMAL TEMPERATURES TODAY...A RATHER COLD PACIFIC LOW IS EXPECTED TO BRING MUCH COOLER TEMPERATURES TO THE ENTIRE REGION...AND A CHANCE FOR SHOWERS TO SOUTH CENTRAL ARIZONA TOMORROW AND WEDNESDAY. A RETURN TO DRY CONDITIONS AND A SLOW WARMING TREND IS THEN EXPECTED FOR THE REMAINDER OF THE WORK WEEK AND INTO THE UPCOMING WEEKEND AS HIGH PRESSURE GRADUALLY REBUILDS INTO THE DESERT SOUTHWEST.

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.DISCUSSION...

TODAY AND TONIGHT... ONE MORE DAY OF DRY CONDITIONS AND ABOVE NORMAL TEMPERATURES IS ON TAP TODAY AND TONIGHT AS THE UPPER LEVEL RIDGING THAT IS RESPONSIBLE FOR THESE WARM TEMPERATURES GRADUALLY SHIFTS OFF TO THE EAST...INTO NEW MEXICO AND WEST TEXAS. IN SPITE OF A GRADUAL REDUCTION OF 500MB HEIGHTS AS THE NEXT PACIFIC SYSTEM APPROACHES...LOW-LEVEL SOUTHERLY FLOW...A STILL-WARM AIRMASS (850MB TEMPS IN THE 18-20C RANGE)...AND MOSTLY CLEAR SKIES SHOULD ALLOW TEMPERATURES TO WARM WELL UP INTO THE 80S ACROSS THE LOWER DESERTS...WITH HIGHS NEAR 90 ACROSS PARTS OF SE CA. THE ONLY REAL CHANGE TODAY WILL BE AN INCREASE IN THE WINDS ACROSS SE CA AND SW AZ AS SFC PRESSURE BEGIN TO FALL ACROSS THE REGION. PARTS OF SE CA COULD SEE SW WINDS AS HIGH AS 20 MPH WITH GUSTS TO 30 MPH BY THIS EVENING.

TUESDAY THROUGH THURSDAY... SOME DIFFERENCES HAVE ONCE AGAIN SHOWN UP BETWEEN THE GLOBAL MODEL SUITES FOR THIS PERIOD CONCERNING THE RATHER VIGOROUS UPPER TROF THAT WILL BE DIGGING SE INTO OUR CWA. THE OPERATIONAL GFS HAS BECOME SOMEWHAT WETTER IN ITS SOLUTION WHEN COMPARED WITH PREVIOUS RUNS...PULLING A MOISTURE PLUME (WITH PWATS AS HIGH AS 0.90 INCH) INTO SOUTH-CENTRAL ARIZONA ON TUESDAY AHEAD/ALONG THE MAIN SFC COLD FRONT ON TUESDAY. HOWEVER...THE EURO CONTINUES TO STICK TO A DRIER SOLN...WITH PWATS REMAINING AOB 0.70 INCH. ALSO...THERE IS SOME DISAGREEMENT BETWEEN THE GFS ENSEMBLE MEMBERS CONCERNING THE STRENGTH OF THE UPPER LOW AS IT PASSES THROUGH THE REGION. THUS...HAVE ONLY RAISED POPS A MINIMAL AMOUNT ACROSS THE LOWER ELEVATIONS OF SOUTH-CENTRAL ARIZONA...INTO THE 10-20 PERCENT RANGE DURING THE LATE TUES-WED PERIOD. AS FAR AS THE TEMPERATURE FORECAST IS CONCERNED...NOT MUCH CHANGE WAS SEEN IN THE LATEST MODEL SUITES...WHICH ARE STILL SHOWING BELOW NORMAL READINGS THROUGH THIS PERIOD...WITH MANY LOWER DESERT LOCATIONS HAVING A HARD TIME GETTING OUT OF THE 60S ON WED AND THU...AND LOWS FALLING INTO THE 40S ACROSS MUCH OF SOUTH-CENTRAL AZ BY THU MORNING. AS FAR AS THE CHANCES FOR SNOW ARE CONCERNED...IT APPEARS THAT MOST OF THE AVAILABLE MOISTURE WILL BE GONE BEFORE THE COLDEST AIR ARRIVES...WITH JUST PERHAPS A FLURRY OR TWO POSSIBLE OVER OUR HIGHEST PEAKS ON WED EVENING.

FRIDAY THROUGH SUNDAY... DRY CONDITIONS AND A SLOW WARMING TREND IS STILL EXPECTED FOR THIS PERIOD AS HIGH PRESSURE RIDGING ALOFT GRADUALLY PUSHES EASTWARD INTO THE REGION...WITH NEAR-NORMAL TEMPS RETURNING BY NEXT WEEKEND.

&&

.AVIATION...
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...AND
SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KPLI AND
KBLH...

FOR THE MOST PART NO AVIATION WEATHER CONCERNS THROUGH MONDAY EVENING. LIGHT DIURNAL WINDS AND CLEAR SKIES WILL PREVAIL AT ALL TAF SITES. THE ONLY POSSIBLE CONCERN IS THE SURFACE GRADIENT TIGHTENING A BIT OVER WESTERN IMPERIAL COUNTY MONDAY EVENING...WHICH COULD LEAD TO LOCALLY BREEZY SOUTHWEST/WEST WINDS DEVELOPING AT KPLI BY LATE AFTERNOON...PICKING UP INTO THE EVENING HOURS.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...
TUESDAY THROUGH SUNDAY...
A RATHER STRONG WEATHER SYSTEM WILL MOVE THROUGH THE DISTRICT DURING THE MIDDLE OF THE WEEK...WITH TEMPERATURES FALLING BELOW AVERAGE CATEGORY WHILE MINIMUM AFTERNOON HUMIDITY LEVELS WILL INCREASE TO A 25 TO 40 PERCENT RANGE. OVERNIGHT RECOVERY WILL BE GOOD TO EXCELLENT DURING THIS TIME FRAME. WHILE A FEW SHOWERS WILL BE POSSIBLE...THE CHANCE OF WETTING RAINS WILL VERY LIMITED (MOST TO HIGHER TERRAIN LOCATIONS). BY THE END OF THE WEEK...SOMEWHAT DRIER AND WARMER WEATHER WILL RETURN THOUGH NOT YIELDING ANY FIRE WEATHER CONCERNS.

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.SPOTTER INFORMATION STATEMENT...
SPOTTERS ARE ENCOURAGED TO REPORT BASED ON STANDARD OPERATING PROCEDURES.

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.PSR WATCHES/WARNINGS/ADVISORIES...
AZ...NONE.
CA...NONE.

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...PERCHA
AVIATION...CB
FIRE WEATHER...MP/MO

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270
FXUS66 KSGX 021138 CCA
AFDSGX

AREA FORECAST DISCUSSION...CORRECTED
NATIONAL WEATHER SERVICE SAN DIEGO CA
326 AM PST MON NOV 2 2015

.SYNOPSIS...

PARTLY CLOUDY AND COOLER TODAY AS HIGH PRESSURE WEAKENS ALOFT
AND A LOW PRESSURE TROUGH APPROACHES FROM THE NORTHWEST. THE TROUGH
WILL RESULT IN STRONG AND GUSTY WESTERLY WINDS OVER THE MOUNTAINS AND
DESERTS...AND RAIN SHOWERS MONDAY NIGHT. SOME SNOW COULD FALL AT THE
HIGHEST ELEVATIONS IN THE MOUNTAINS FOR A FEW HOURS. PERIODS OF
SHOWERS MAY LINGER OVER THE MOUNTAINS AND WESTERN SAN DIEGO COUNTY
THROUGH TUESDAY NIGHT BEFORE THE TROUGH MOVES EAST. FAIR AND
CONTINUED COOL ON WEDNESDAY. THEN WARMER INTO THE WEEKEND WHEN
DAYTIME TEMPERATURES WILL ONCE AGAIN BE ABOVE AVERAGE UNDER FAIR
SKIES.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING
ORANGE...SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN
BERNARDINO COUNTIES...

LOW...MARINE CLOUDS WERE FORMING OVER THE CA BIGHT AND THICKENING
FROM THE OUTER COASTAL WATERS EARLY THIS MORNING. HIGHER CLOUDS WERE
STREAMING NE...OFF THE PACIFIC OVER NORTHERN AND CENTRAL CA...AHEAD
OF SE BOUND LOW PRESSURE TROUGH. GRADIENTS WERE TRENDING ONSHORE TO
THE DESERTS AT 3 MBS AT 3 AM PST. LOCAL 15-20 MPH WINDS WITH GUSTS
TO NEAR 30-35 MPH WERE LOGGED MUCH OF THE NIGHT ON THE WINDIER DESERT
SLOPES. SURFACE DEWPOINTS IN THE 60S SIGNALLED THE RETURN OF MARINE
AIR ALONG THE COASTAL STRIP...AND ASSOCIATED LOW CLOUDS.

THE INCREASE IN HUMIDITY AND LOWER TEMPERATURES SHOULD BE NOTICEABLE
TODAY...ALONG WITH INCREASED CLOUDINESS AS THE MARINE LAYER DEEPENS
IN RESPONSE TO THE APPROACHING TROUGH AND ASSOCIATED SFC COLD FRONT.
THE FRONT WILL SWEEP SE ACROSS THE CWA TONIGHT...AND BY ALL MODEL
ACCOUNTS...WILL BE ACCOMPANIED BY A FEW SHOWERS AND GUSTY WINDS OVER
THE MTS/DESERTS. THE FREEZING LEVEL WILL START OUT QUITE HIGH (NEAR
8500 FT.) BUT SHOULD RAPIDLY FALL BY TUE MORNING. IT APPEARS MUCH
OF THE PRECIPITATION WILL FALL IN ADVANCE OF THE COLD AIR...SO ANY
ACCUMULATING SNOWFALL LOOKS TO BE LIMITED...AND RELEGATED TO THE
HIGHEST PEAKS IN THE SAN BERNARDINO MTS TONIGHT. QPF HERE WAS MAINLY
DERIVED FROM THE LOCAL WRFEMS RUNS.

THE TROUGH WILL REMAIN OVER THE AREA AS ANOTHER DISTURBANCE DROPS
SOUTH ON TUE NIGHT. THIS SYSTEM IS HANDLED DIFFERENTLY DEPENDING ON
THE MODEL SOLUTION...BUT IT APPEARS THE BEST CHANCE OF ADDITIONAL
SHOWERS ASSOCIATED WITH IT WILL OCCUR OVER THE COASTAL WATERS AND
SAN DIEGO COUNTY. THERE IS EVEN A CHANCE OF A FEW THUNDERSTORMS AS
THE ATMOSPHERE DESTABILIZES FURTHER...ESPECIALLY OVER THE RELATIVELY
WARMER WATERS OF THE CA BIGHT. THE 00Z/06Z NAM RUNS WERE FOLLOWED
FOR QPF/POP GRIDS FOR MON NIGHT.

SURFACE LOW PRESSURE IS FORECAST TO DEEPEN RAPIDLY TODAY OVER NV
WITH THE 06Z NAM12 DEVELOPING A 999 MB LOW. THIS SHOULD RAMP UP THE
SFC PRESSURE GRADIENT TO 10 MBS OR MORE TO SOUTHERN NV BY AFTERNOON.
WITH THE APPROACH OF THE COLD FRONT FROM THE NW...WINDS WILL BECOME
STRONG AND GUSTY OVER THE MTS/DESERT SLOPES WHERE A WIND ADVISORY
WILL BE MOVED UP TO 10 AM PST AND CONTINUE THROUGH THE NIGHT. LOCAL
GUSTS ON THE WIND PRONE DESERT FOOTHILL AREAS COULD TOP 60 MPH FOR A
FEW HOURS BEFORE THE WINDS DROP OFF WED MORNING.

PRECIP AMOUNTS ARE EXPECTED TO BE LIGHT TO MODERATE WITH THE GREATEST
AMOUNTS AROUND AN INCH OR SO LOGGED ON THE COASTAL SLOPES OF THE
MOUNTAINS. MODERATE AMOUNTS OF ONE-QUARTER TO ONE-HALF INCH MAY
ACCUMULATE BY WED MORNING IN WESTERN SAN DIEGO COUNTY IF THE SECOND
WAVE BECOMES ACTIVE AS EXPECTED. OTHERWISE COASTAL AND VALLEY AMOUNTS
WITH THE INITIAL WAVE ON MONDAY NIGHT ARE FORECAST TO BE MOSTLY UNDER
ONE-QUARTER INCH.

CONTINUED COOL ON WED UNDER SUPPRESSED HEIGHTS/THICKNESS UNDER THE
UPPER-LEVEL TROUGH...THEN GRADUAL WARMING INTO NEXT WEEKEND UNDER DRY
NW FLOW ALOFT. SHORTWAVE RIDGING OVER THE GREAT BASIN MAY THROW OUR
SFC WINDS OFFSHORE FOR A TIME LATE IN THE WEEK...BUT CURRENT
INDICATIONS ARE THAT THEY WILL NOT BE STRONG. UNDER FAIR SKIES...AND

WITH LIMITED MARINE INFLUENCE...DAYTIME TEMPERATURES SHOULD CLIMB
BACK ABOVE AVERAGE TO WRAP UP THE WEEK.

&&

.AVIATION...
021000Z...AREAS OF LOW CLOUDS AND FOG WILL CONTINUE THIS MORNING.
LOW CLOUD BASES WILL BE AROUND 900 FEET MSL WITH TOPS TO 1200 FEET.
ISOLATED CIGS DOWN TO 500 FEET MSL AND VIS 1/4 TO 5SM PARTICULARLY
ON MESAS AND HIGHER COASTAL TERRAIN THROUGH 16Z. SCATTER OUT WILL
NOT BE COMPLETE TODAY...BUT WHERE LOW CLOUDS PERSIST BASES WILL RISE
TO ABOUT 2500 FEET MSL BY AFTERNOON. IN AREAS OF THE MOUNTAINS AND
DESERTS...WESTERLY WINDS WILL INCREASE DURING THE DAY...STRONGEST
THROUGH PASSES AND OVER RIDGES. SOME STRONG UP/DOWN DRAFTS CAN BE
EXPECTED IN THE LEE. WINDS WILL DIMINISH TONIGHT. A BAND OF HIGHER
CLOUDS AND RAIN WILL MOVE ACROSS THE REGION THIS EVENING BETWEEN 01-
05Z. IN MOUNTAINS AND DESERTS THIS BAND OF CLOUDS WILL BE AROUND
8000 FEET MSL...BUT IN THE COASTAL BASIN THEY WILL BE AROUND 2500
FEET MSL WITH LOCAL CIGS DOWN TO 1500 FEET MSL ALONG THE RAIN BAND.

&&

.MARINE...

200 AM...NORTHWEST WINDS WILL INCREASE THIS AFTERNOON AND EVENING
WHICH WILL PRODUCE CHOPPY AND HAZARDOUS CONDITIONS. A NEW NORTHWEST
SWELL WILL DEVELOP AND INCREASE TUESDAY. WINDS WILL DECREASE TUESDAY
NIGHT AND THE SWELL DECREASES WEDNESDAY. THE SMALL CRAFT ADVISORY
HAS ALL THE DETAILS...SEE LAXMWWMSGX.

&&

.SKYWARN...
SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE
ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

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.SGX WATCHES/WARNINGS/ADVISORIES...
CA...WIND ADVISORY FROM 10 AM PST MONDAY TO 3 AM PST TUESDAY FOR APPLE
AND LUCERNE VALLEYS-RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO
COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO PASS NEAR
BANNING.

PZ...SMALL CRAFT ADVISORY FROM 1 PM MONDAY TO 6 PM PST TUESDAY FOR
COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER
AND OUT TO 30 NM-WATERS FROM SAN MATEO POINT TO THE MEXICAN
BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE
ISLAND.

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PUBLIC...JAD
AVIATION/MARINE...MM

711
FXUS65 KPSR 021516
AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
815 AM MST MON NOV 2 2015

.SYNOPSIS...
A STRONG PACIFIC LOW PRESSURE SYSTEM WILL BRING MUCH COOLER TEMPERATURES TO THE ENTIRE REGION TOMORROW...AND A CHANCE FOR LIGHT SHOWERS ACROSS CENTRAL ARIZONA TOMORROW AND WEDNESDAY. A RETURN TO DRY CONDITIONS AND A SLOW WARMING TREND WILL OCCUR DURING THE END OF THE WEEK AS HIGH PRESSURE GRADUALLY REBUILDS INTO THE DESERT SOUTHWEST.

&&
.DISCUSSION...
DRY RIDGING ALOFT STILL PREDOMINATES OVER THE SWRN CONUS...HOWEVER PROGRESSIVE DEEP TROUGHING IS VERY EVIDENT ON WV IMAGERY THIS MORNING DIVING SOUTH ALONG THE CNTRL CALIFORNIA COAST. 12Z REGIONAL SOUNDING DATA WAS ALREADY SAMPLING 5-6DM H5 HEIGHT FALLS ENTERING THE FAR WRN CWA...WITH EVEN MORE SUBSTANTIAL HEIGHT FALLS UPSTREAM. DESPITE THIS...THE 12Z KTCW SOUNDING INDICATED WARMING THROUGH THE SFC-H7 LAYER VERSUS SUNDAY...AND CORRESPONDINGLY AMBIENT AIR TEMPERATURES ARE RUNNING A FEW DEGREES WARMER THAN SUNDAY. VERY FEW CHANGES OTHER THAN ACCOUNTING FOR SHORT TERM OBSERVATIONAL TRENDS IN THE MORNING UPDATE TODAY...WITH FOCUS LATER TODAY SHIFTING TOWARDS INTERROGATION OF THE INCOMING TROUGH DURING THE MIDWEEK PERIOD.

&&
.PREVIOUS DISCUSSION...
/419 AM MST MON NOV 2 2015/
TODAY AND TONIGHT... ONE MORE DAY OF DRY CONDITIONS AND ABOVE NORMAL TEMPERATURES IS ON TAP TODAY AND TONIGHT AS THE UPPER LEVEL RIDGING THAT IS RESPONSIBLE FOR THESE WARM TEMPERATURES GRADUALLY SHIFTS OFF TO THE EAST INTO NEW MEXICO AND WEST TEXAS. IN SPITE OF A GRADUAL REDUCTION OF 500MB HEIGHTS AS THE NEXT PACIFIC SYSTEM APPROACHES...LOW-LEVEL SOUTHERLY FLOW...A STILL-WARM AIRMASS (850MB TEMPS IN THE 18-20C RANGE)...AND MOSTLY CLEAR SKIES SHOULD ALLOW TEMPERATURES TO WARM WELL UP INTO THE 80S ACROSS THE LOWER DESERTS...WITH HIGHS NEAR 90 ACROSS PARTS OF SE CA. THE ONLY REAL CHANGE TODAY WILL BE AN INCREASE IN THE WINDS ACROSS SE CA AND SW AZ AS SFC PRESSURE BEGIN TO FALL ACROSS THE REGION. PARTS OF SE CA COULD SEE SW WINDS AS HIGH AS 20 MPH WITH GUSTS TO 30 MPH BY THIS EVENING.

TUESDAY THROUGH THURSDAY... SOME DIFFERENCES HAVE ONCE AGAIN SHOWN UP BETWEEN THE GLOBAL MODEL SUITES FOR THIS PERIOD CONCERNING THE RATHER VIGOROUS UPPER TROF THAT WILL BE DIGGING SE INTO OUR CWA. THE OPERATIONAL GFS HAS BECOME SOMEWHAT WETTER IN ITS SOLUTION WHEN COMPARED WITH PREVIOUS RUNS...PULLING A MOISTURE PLUME (WITH PWATS AS HIGH AS 0.90 INCH) INTO SOUTH-CENTRAL ARIZONA ON TUESDAY AHEAD/ALONG THE MAIN SFC COLD FRONT ON TUESDAY. HOWEVER...THE EURO CONTINUES TO STICK TO A DRIER SOLN...WITH PWATS REMAINING AOB 0.70 INCH. ALSO...THERE IS SOME DISAGREEMENT BETWEEN THE GFS ENSEMBLE MEMBERS CONCERNING THE STRENGTH OF THE UPPER LOW AS IT PASSES THROUGH THE REGION. THUS...HAVE ONLY RAISED POPS A MINIMAL AMOUNT ACROSS THE LOWER ELEVATIONS OF SOUTH-CENTRAL ARIZONA...INTO THE 10-20 PERCENT RANGE DURING THE LATE TUES-WED PERIOD. AS FAR AS THE TEMPERATURE FORECAST IS CONCERNED...NOT MUCH CHANGE WAS SEEN IN THE LATEST MODEL SUITES...WHICH ARE STILL SHOWING BELOW NORMAL READINGS THROUGH THIS PERIOD...WITH MANY LOWER DESERT LOCATIONS HAVING A HARD TIME GETTING OUT OF THE 60S ON WED AND THU...AND LOWS FALLING INTO THE 40S ACROSS MUCH OF SOUTH-CENTRAL AZ BY THU MORNING. AS FAR AS THE CHANCES FOR SNOW ARE CONCERNED...IT APPEARS THAT MOST OF THE AVAILABLE MOISTURE WILL BE GONE BEFORE THE COLDEST AIR ARRIVES...WITH JUST PERHAPS A FLURRY OR TWO POSSIBLE OVER OUR HIGHEST PEAKS ON WED EVENING.

FRIDAY THROUGH SUNDAY... DRY CONDITIONS AND A SLOW WARMING TREND IS STILL EXPECTED FOR THIS PERIOD AS HIGH PRESSURE RIDGING ALOFT GRADUALLY PUSHES EASTWARD INTO THE REGION...WITH NEAR-NORMAL TEMPS RETURNING BY NEXT WEEKEND.

&&
.AVIATION...

SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...AND
SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND
KBLH...

LIGHT WINDS TO PREVAIL THROUGH THIS MORNING ALL TAF SITES AND THROUGH
TONIGHT FOR THE PHOENIX AREA. AN APPROACHING LOW PRESSURE SYSTEM WILL
BRING INCREASING WINDS TO SOUTHEAST CALIFORNIA STARTING THIS
AFTERNOON AND LASTING INTO THE OVERNIGHT. WIND GUSTS OF 20-25 KTS
WILL BE POSSIBLE AT KIPL AND KBLH. SKIES WILL REMAIN CLEAR WITH THE
EXCEPTION OF A FEW MID AND HIGH CLOUDS MOVING INTO WESTERN AREAS BY
TUESDAY MORNING.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...
WEDNESDAY THROUGH MONDAY...
A RATHER STRONG WEATHER SYSTEM WILL MOVE THROUGH ON WEDNESDAY AND
EXIT THE REGION THURSDAY. THIS WILL BRING MUCH COOLER TEMPERATURES
AND MINIMUM AFTERNOON HUMIDITY LEVELS OF 25 TO 40 PERCENT. OVERNIGHT
RECOVERY WILL BE GOOD TO EXCELLENT DURING THIS TIME FRAME. WHILE A
FEW SHOWERS WILL BE POSSIBLE...THE CHANCE OF WETTING RAINS WILL VERY
LIMITED (MOST TO HIGHER TERRAIN LOCATIONS). FOR THE END OF THE WEEK
AND INTO THE WEEKEND...SOMEWHAT DRIER AND WARMER WEATHER WILL RETURN
THOUGH NOT YIELDING ANY FIRE WEATHER CONCERNS.

&&

.SPOTTER INFORMATION STATEMENT...
SPOTTERS ARE ENCOURAGED TO REPORT BASED ON STANDARD OPERATING
PROCEDURES.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...
AZ...NONE.
CA...NONE.

&&

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...MO/PERCHA
AVIATION...KUHLMAN
FIRE WEATHER...KUHLMAN

IOWA STATE
UNIVERSITY

College of Ag
Department of Agronomy

Department of Agronomy

716 Farm House Ln
Ames, IA 50011

akrherz@iastate.edu
515-294-5978 phone



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FXUS66 KSGX 021720
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
920 AM PST MON NOV 2 2015

.SYNOPSIS... COOLER TODAY WITH INCREASING CLOUDS LATER IN THE DAY AS HIGH PRESSURE WEAKENS ALOFT AND A LOW PRESSURE TROUGH APPROACHES FROM THE NORTHWEST. THE TROUGH WILL RESULT IN STRONG AND GUSTY WESTERLY WINDS OVER THE MOUNTAINS AND DESERTS...AND RAIN SHOWERS THIS EVENING THROUGH EARLY TUESDAY MORNING. SOME SNOW COULD FALL AT THE HIGHEST ELEVATIONS IN THE MOUNTAINS FOR A FEW HOURS. PERIODS OF SHOWERS MAY LINGER OVER THE MOUNTAINS AND WESTERN SAN DIEGO COUNTY THROUGH EARLY WEDNESDAY BEFORE THE TROUGH MOVES EAST...WITH POSSIBLY A FEW THUNDERSTORMS OVER THE WATERS AND THE SAN DIEGO COUNTY COAST ON TUESDAY. WARMER THURSDAY INTO THE WEEKEND WHEN DAY-TIME TEMPERATURES WILL ONCE AGAIN BE ABOVE AVERAGE UNDER FAIR SKIES.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

MORNING VISIBLE SATELLITE SHOWS THAT MARINE LAYER STRATUS IS CURRENTLY ALONG THE COAST AND INTO INLAND ORANGE COUNTY...WHILE SKIES WERE CLEAR ELSEWHERE. THE MORNING SOUNDING SHOWED AN INVERSION AT AROUND 900 FEET ABOVE MSL...WITH DRY AIR AND WESTERLY WINDS ALOFT. MEANWHILE...SURFACE PRESSURE GRADIENTS CONTINUE TO TREND STRONGER ONSHORE...UP TO 7.5 MB ONSHORE FROM SAN DIEGO TO TONOPAH...WHEREAS IT WAS 2.7 MB OFFSHORE AT THIS TIME YESTERDAY. ON WATER VAPOR SATELLITE...A TROUGH OVER THE NORTHEAST PACIFIC CAN BE SEEN APPROACHING NORTHERN CALIFORNIA. THIS TROUGH WILL MOVE INLAND INTO CENTRAL CALIFORNIA AND DRAG A COLD FRONT AND ASSOCIATED SHOWERS ACROSS SOUTHERN CALIFORNIA THIS EVENING THROUGH LATE TONIGHT. ONSHORE PRESSURE GRADIENTS WILL CONTINUE TO STRENGTHEN AS THE TROUGH MOVES INLAND...WITH GRADIENTS PEAKING AT AROUND 10 MB FROM SAN DIEGO TO LAS VEGAS TONIGHT. ALSO...850 MB WESTERLY WINDS INCREASE TO 30-40 KT AS WELL. HOWEVER...LOOKING AT WRF CROSS-SECTIONS...THERE DOES NOT APPEAR TO BE A SIGNIFICANT MOUNTAIN WAVE THAT GETS INDUCED. NEVERTHELESS...A WIND ADVISORY GOES INTO EFFECT AT 10 AM THIS MORNING AND CONTINUE THROUGH LATE TONIGHT FOR THE MOUNTAINS AND DESERTS...WITH GUSTS OF 55 MPH AND LOCAL GUSTS TO 65 MPH POSSIBLE ALONG THE DESERT SLOPES AND ADJACENT WINDY DESERT AREA LOCATIONS. WITH THE INCREASING ONSHORE FLOW AND LOWERING HEIGHTS ALOFT...TEMPERATURES SHOULD FALL BY SEVERAL DEGREES TODAY.

THE COLD FRONT AND ASSOCIATED SHOWERS LOOKS TO MOVE THROUGH THE REGION FROM NORTHWEST TO SOUTHEAST EARLY THIS EVENING THROUGH EARLY TUESDAY MORNING. THEN...LINGERING MOISTURE AND AN ADDITIONAL UPPER LEVEL WAVE MOVING THROUGH IS LIKELY TO PRODUCE MORE SHOWER ACTIVITY...MAINLY TO SAN DIEGO COUNTY...DURING THE DAY TUESDAY. LOOKING AT WRF AND GFS BUFKIT SOUNDINGS...INSTABILITY INCREASES LATE TUESDAY MORNING THROUGH TUESDAY NIGHT OVER THE COASTAL WATERS AND ALONG THE COAST DUE TO THE WARM WATERS...WITH SURFACE BASED CAPE OF 200-400 J/KG AND LIFTED INDEX OF -1 TO -2 DEG C. THUS...WE COULD SEE SOME THUNDERSTORMS OVER THOSE AREAS DURING THAT TIME.

BY WEDNESDAY...THE TROUGH WILL BE MOVING EAST INTO THE NEVADA/UTAH REGION...AND HI-RES MODELS INDICATE THAT THERE COULD BE ENOUGH MOISTURE MOVING SOUTH ALONG THE BACKSIDE OF THE TROUGH TO BRING A FEW SHOWERS TO THE HIGH TERRAIN...WHILE ISOLATED SHOWERS CONTINUE IN SAN DIEGO COUNTY.

FOR TOTAL PRECIPITATION AMOUNTS...CURRENT FORECAST HAS BEEN NUDGED TOWARDS THE LOCAL WRF...WHICH PAINTS HIGHER QPF IN SAN DIEGO COUNTY DUE TO THE ADDITIONAL SHOWER ACTIVITY EXPECTED LATER TUESDAY INTO EARLY WEDNESDAY IN THAT AREA. 0.10 TO 0.25 INCHES IS POSSIBLE FOR ORANGE COUNTY AND THE INLAND EMPIRE...WITH 0.25 TO 0.50 INCHES FOR THE SAN DIEGO COUNTY COAST...0.25 TO 0.75 INCHES IN THE SAN DIEGO COUNTY VALLEYS...0.25 TO 0.40 INCHES IN THE SANTA ANA MOUNTAINS/FOOTHILLS...0.30 TO 0.75 INCHES IN THE SAN BERNARDINO AND RIVERSIDE COUNTY MOUNTAINS...0.50 TO 1.50 INCHES IN THE SAN DIEGO COUNTY MOUNTAINS...AND A TRACE TO 0.15 INCHES IN THE DESERTS.

SNOW LEVELS WILL START OUT HIGH...AROUND 8000-9000 FEET THIS EVENING...AND THEN FALL TONIGHT INTO EARLY TUESDAY MORNING DOWN TO

AROUND 6000 FEET ACCORDING TO THE MODEL PROGGED WET-BULB ZERO TEMPERATURES. HOWEVER...NOT A WHOLE LOT OF PRECIPITATION IS EXPECTED TO FALL BEFORE THE COLDEST AIR COMES IN...SO ANY SNOW ACCUMULATIONS ABOVE 6000 FOOT ELEVATION WILL LIKELY BE FAIRLY LIGHT. THUS...AM NOT ANTICIPATING THE NEED FOR A WINTER WEATHER ADVISORY AT THE MOMENT.

FINALLY...THE SYSTEM WILL ALSO BRING COOLER CONDITIONS TO THE AREA...WITH DAY-TIME HIGHS FALLING TO 10 TO 20 DEGREES BELOW NORMAL TUESDAY AND WEDNESDAY...EXCEPT AT THE IMMEDIATE COAST WHERE THE NEARBY WARM WATERS WILL KEEP TEMPERATURES JUST SLIGHTLY BELOW NORMAL.

ON THURSDAY...DRY NORTHWEST FLOW ALOFT WILL PREVAIL OVER THE REGION...AND SOME WEAK OFFSHORE FLOW WILL KICK IN. THIS WILL RESULT IN SOME WARMING TO THE AREA. MAINLY ZONAL FLOW ALOFT WILL OCCUR FRIDAY THROUGH THE WEEKEND...WITH WEAK OFFSHORE FLOW AT TIMES AND A SLOW WARMING TREND. THE OFFSHORE FLOW WILL LIKELY KEEP THE NIGHT AND MORNING MARINE LAYER CLOUDS FROM FORMING.

&&

.AVIATION...
021730Z...COAST/VALLEYS...BKN/OVC STRATUS WITH BASES 1500-2000 FT MSL AND TOPS TO 2500 FT MSL...WILL CONTINUE ALONG THE IMMEDIATE COAST THROUGH 19Z OR 20Z...WITH MOSTLY SUNNY SKIES ELSEWHERE. AREAS OF BKN STRATUS WILL LIKELY SPREAD INLAND AFTER 19Z OR 20Z AND COULD COVER MOST AREAS WEST OF THE MOUNTAINS BY 00Z WITH BASES RISING TO 2500 FT MSL OR HIGHER. SHOWERS WILL DEVELOP IN ORANGE COUNTY...INCLUDING AT KSNA...BETWEEN 23Z AND 02Z AND SPREAD SOUTH AND EAST BETWEEN 02Z AND 06Z...INCLUDING AT KSAN/KCRQ/KONT. THIS WILL BRIEFLY LOWER BASES TO 1200-2000 FT MSL AND BRIEFLY LOWER VIS TO 3-5 MI. HIGHER TERRAIN WILL BE OBSCURED AT TIMES 00Z TO 08Z. SHOWERS WILL BECOME MORE ISOLATED LATE TONIGHT.

MOUNTAINS/DESERTS...MOSTLY SUNNY SKIES WILL PREVAIL THROUGH 23Z...THEN COASTAL SLOPES WILL GRADUALLY BECOME OBSCURED IN CLOUDS AS CLOUDS MOVE IN FROM THE WEST...WITH CLOUD TOPS TO AROUND 10000 FT MSL. SHOWERS WILL DEVELOP AND MOVE FROM NORTHWEST TO SOUTHEAST MOSTLY IN THE MOUNTAINS AND MAINLY BETWEEN 00Z AND 08Z. AREAS OF VIS 2-4 MI WILL OCCUR IN THE SHOWERS...WITH VIS BELOW 1 MI WHERE CLOUDS INTERSECT TERRAIN. AREAS OF WEST SURFACE WINDS 15-30 KT FROM THE WEST/SOUTHWEST WITH GUSTS TO 50 KT WILL OCCUR 19Z TODAY THROUGH TONIGHT OVER HIGHEST MOUNTAIN TERRAIN...DESERT SLOPES AND DESERT FOOTHILLS.

&&

.MARINE...
930 AM...THE TROUGH OF LOW PRESSURE WILL BRING STRONGER WINDS LATER TODAY AND ESPECIALLY TONIGHT. IT LOOKS LIKE THE TIMING OF THE STRONGEST WINDS...WITH SUSTAINED 20-25 KT WITH GUSTS 25-30 KT...WILL OCCUR BETWEEN ABOUT 5 PM TODAY AND MIDNIGHT TONIGHT...BUT SOME GUSTS AROUND 25 KT WILL OCCUR TUESDAY AS WELL. THIS WILL RESULT IN CHOPPY COMBINED SEAS OF 7-9 FEET. THERE IS ALSO A SLIGHT CHANCE OF THUNDERSTORMS TUESDAY...WITH THE PRIMARY THREAT BEING CLOUD-TO-WATER LIGHTNING STRIKES. THE SMALL CRAFT ADVISORY CONTINUES FROM 1 PM TODAY UNTIL 6 PM TUESDAY...SEE LAXMWWSGX.

&&

.SKYWARN...
SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...
CA...WIND ADVISORY FROM 10 AM THIS MORNING TO 3 AM PST TUESDAY FOR APPLE AND LUCERNE VALLEYS-RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO PASS NEAR BANNING.

PZ...SMALL CRAFT ADVISORY FROM 1 PM THIS AFTERNOON TO 6 PM PST TUESDAY FOR COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT TO 30 NM-WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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National Weather Service Raw Text Product

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URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
950 AM PST MON NOV 2 2015

...STRONG AND GUSTY WINDS DEVELOPING TODAY THROUGH TONIGHT OVER
THE HIGH DESRTS...HIGHER MOUNTAINS AND DESERT SLOPES...

.SURFACE LOW PRESSURE DEVELOPING OVER NEVADA WILL PULL STRONG
WESTERLY WINDS OVER THE MOUNTAIN CRESTS AND ONTO THE DESERT
SLOPES THROUGH TONIGHT. GUSTY WINDS WILL ALSO AFFECT THE HIGH
DESERTS OF SAN BERNARDINO COUNTY AND NEAR THE SAN GORGONIO PASS.
STRONGEST WINDS ARE EXPECTED THIS EVENING WHEN LOCAL GUSTS TO 65
MPH ARE POSSIBLE. WINDS WILL GRADUALLY DIMINISH LATE TONIGHT INTO
TUESDAY MORNING.

CAZ055-056-058-060-065-030200-
/O.CON.KSGX.WI.Y.0026.151102T1800Z-151103T1100Z/
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
SAN GORGONIO PASS NEAR BANNING-
950 AM PST MON NOV 2 2015

...WIND ADVISORY REMAINS IN EFFECT UNTIL 3 AM PST TUESDAY...

* WINDS...WEST TO SOUTHWEST 20 TO 30 MPH WITH GUSTS TO 55 MPH.
LOCAL GUSTS UP TO 65 MPH ON THE DESERT SLOPES AND FOOTHILLS.

* TIMING...THROUGH LATE TONIGHT.

* LOCATION...MOUNTAIN AND DESERTS. THE WINDIEST LOCATIONS WILL
BE THE RIDGETOPS...PASSES AND DESERT SLOPES...SUCH AS THE SAN
GORGONIO AND INTERSTATE 8 PASSES.

* IMPACTS...DRIVING OF HIGH-PROFILE VEHICLES WILL BE DIFFICULT...
INCLUDING ALONG INTERSTATE 10 THROUGH SAN GORGONIO
PASS...INTERSTATE 8 IN SAN DIEGO COUNTY...AND HIGHWAY 247 NEAR
LUCERNE VALLEY. AREAS OF BLOWING DUST MAY REDUCE VISIBILITY AT
TIMES.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH
PROFILE VEHICLES. USE EXTRA CAUTION.

&&
\$\$

HARRISON

⌈
999
FXUS66 KSGX 022125
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
125 PM PST MON NOV 2 2015

.SYNOPSIS...
COOLER TODAY WITH INCREASING CLOUDS AS HIGH PRESSURE WEAKENS ALOFT
AND A LOW PRESSURE TROUGH APPROACHES FROM THE NORTHWEST. THE TROUGH
AND ASSOCIATED COLD FRONT WILL RESULT IN STRONG AND GUSTY WESTERLY
WINDS OVER THE MOUNTAINS AND DESERTS...AND RAIN SHOWERS THIS EVENING
THROUGH EARLY TUESDAY MORNING. SOME LIGHT SNOW COULD FALL ABOVE 6000
FOOT ELEVATION. PERIODS OF SHOWERS MAY LINGER OVER THE MOUNTAINS AND
WESTERN SAN DIEGO COUNTY THROUGH EARLY WEDNESDAY BEFORE THE TROUGH
MOVES EAST...WITH POSSIBLY A FEW THUNDERSTORMS OVER THE WATERS AND
THE SAN DIEGO COUNTY COAST ON TUESDAY. WARMER THURSDAY INTO THE
WEEKEND WHEN DAY-TIME TEMPERATURES WILL ONCE AGAIN BE ABOVE AVERAGE
UNDER FAIR SKIES.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...
SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO
COUNTIES...

AFTERNOON VISIBLE SATELLITE SHOWS INCREASING MARINE LAYER STRATUS
ALONG THE COAST AND INTO THE VALLEYS...WHILE A LARGE CLOUD SHIELD
ASSOCIATED WITH A SOUTHEASTWARD MOVING COLD FRONT COULD BE SEEN
OVER CENTRAL CALIFORNIA. THE MORNING SOUNDING SHOWED AN INVERSION AT
AROUND 900 FEET ABOVE MSL...WITH DRY AIR AND WESTERLY WINDS ALOFT.
MEANWHILE...SURFACE PRESSURE GRADIENTS CONTINUE TO TREND STRONGER
ONSHORE...UP TO 9.7 MB ONSHORE FROM SAN DIEGO TO LAS VEGAS...WHEREAS
IT WAS 2.5 MB OFFSHORE AT THIS TIME YESTERDAY. ON WATER VAPOR
SATELLITE...A TROUGH OVER THE NORTHEAST PACIFIC CAN BE SEEN
APPROACHING NORTHERN CALIFORNIA. THIS TROUGH AND ITS ASSOCIATED COLD
FRONT WILL CONTINUE TO MOVE SOUTHEAST AND INTO SOUTHERN CALIFORNIA
THIS EVENING THROUGH LATE TONIGHT. ONSHORE PRESSURE GRADIENTS WILL
CONTINUE TO STRENGTHEN AS THE TROUGH MOVES INLAND...WITH GRADIENTS
PEAKING AT AROUND 10 MB FROM SAN DIEGO TO LAS VEGAS TONIGHT.
ALSO...850 MB WESTERLY WINDS INCREASE TO 30-40 KT AS WELL ACCORDING
TO THE WRF. HOWEVER...LOOKING AT WRF CROSS-SECTIONS...THERE DOES NOT
APPEAR TO BE A SIGNIFICANT MOUNTAIN WAVE THAT GETS INDUCED.
NEVERTHELESS...A WIND ADVISORY CONTINUES THROUGH LATE TONIGHT FOR
THE MOUNTAINS AND DESERTS...WITH GUSTS OF 55 MPH AND LOCAL GUSTS TO
65 MPH POSSIBLE ALONG THE DESERT SLOPES AND ADJACENT WINDY DESERT
AREA LOCATIONS. WITH THE INCREASING ONSHORE FLOW...MARINE LAYER
CLOUDS AND LOWERING HEIGHTS ALOFT...TEMPERATURES ARE 5 TO 15 DEGREES
LOWER CURRENTLY THAN THEY WERE 24 HOURS AGO.

THE COLD FRONT AND ASSOCIATED SHOWERS LOOKS TO MOVE THROUGH THE
REGION FROM NORTHWEST TO SOUTHEAST EARLY THIS EVENING THROUGH EARLY
TUESDAY MORNING. THEN...LINGERING MOISTURE AND AN ADDITIONAL UPPER
LEVEL WAVE MOVING THROUGH IS LIKELY TO PRODUCE MORE SHOWER
ACTIVITY...MAINLY TO SAN DIEGO COUNTY...DURING THE DAY TUESDAY.
LOOKING AT WRF AND GFS BUFKIT SOUNDINGS...INSTABILITY INCREASES LATE
TUESDAY MORNING THROUGH TUESDAY NIGHT OVER THE COASTAL WATERS AND
ALONG THE COAST DUE TO THE WARM WATERS...WITH SURFACE BASED CAPE OF
200-400 J/KG AND LIFTED INDEX OF -1 TO -2 DEG C. THUS...WE COULD SEE
SOME THUNDERSTORMS OVER THOSE AREAS DURING THAT TIME...POSSIBLY
INTO THE VALLEYS AS WELL.

BY WEDNESDAY...THE TROUGH WILL BE MOVING EAST INTO THE NEVADA/UTAH
REGION...AND HI-RES MODELS INDICATE THAT THERE COULD BE ENOUGH
MOISTURE MOVING SOUTH ALONG THE BACKSIDE OF THE TROUGH TO BRING A
FEW SHOWERS TO THE HIGH TERRAIN...WHILE ISOLATED SHOWERS CONTINUE IN
SAN DIEGO COUNTY.

FOR TOTAL PRECIPITATION AMOUNTS...CURRENT FORECAST CONTINUES TO BE
NUDGED TOWARDS THE LOCAL WRF...WHICH PAINTS HIGHER QPF IN SAN DIEGO
COUNTY DUE TO THE ADDITIONAL SHOWER ACTIVITY EXPECTED LATER TUESDAY
INTO EARLY WEDNESDAY IN THAT AREA. THUS...PRECIP AMOUNTS WERE RAISED
FURTHER FOR SAN DIEGO COUNTY WITH THE AFTERNOON FORECAST UPDATE.
0.10 TO 0.25 INCHES IS POSSIBLE FOR ORANGE COUNTY AND THE INLAND
EMPIRE...WITH 0.30 TO 0.60 INCHES FOR THE SAN DIEGO COUNTY
COAST...0.30 TO 0.85 INCHES IN THE SAN DIEGO COUNTY VALLEYS...0.25
TO 0.40 INCHES IN THE SANTA ANA MOUNTAINS/FOOTHILLS...0.30 TO 0.85
INCHES IN THE SAN BERNARDINO AND RIVERSIDE COUNTY MOUNTAINS...0.50

TO 1.50 INCHES IN THE SAN DIEGO COUNTY MOUNTAINS...AND A TRACE TO
0.15 INCHES IN THE DESERTS.

SNOW LEVELS WILL START OUT HIGH...AROUND 8000-9000 FEET THIS
EVENING...AND THEN FALL TONIGHT INTO EARLY TUESDAY MORNING DOWN TO
AROUND 6000 FEET...AND LOCALLY 5500 FEET...ACCORDING TO THE MODEL
PROGGED WET-BULB ZERO TEMPERATURES. HOWEVER...NOT A WHOLE LOT OF
PRECIPITATION IS EXPECTED TO FALL BEFORE THE COLDEST AIR COMES
IN...SO ANY SNOW ACCUMULATIONS ABOVE 6000 FOOT ELEVATION WILL LIKELY
BE FAIRLY LIGHT...MAINLY A DUSTING TO LOCALLY 2 INCHES BETWEEN 6000
AND 8000 FEET...AND 1 TO 4 INCHES ABOVE 8000 FEET. THUS...AM NOT
ANTICIPATING THE NEED FOR A WINTER WEATHER ADVISORY AT THE MOMENT.

FINALLY...THE SYSTEM WILL ALSO BRING COOLER CONDITIONS TO THE
AREA...WITH DAY-TIME HIGHS FALLING TO 10 TO 20 DEGREES BELOW NORMAL
TUESDAY AND WEDNESDAY...EXCEPT AT THE IMMEDIATE COAST WHERE THE
NEARBY WARM WATERS WILL KEEP TEMPERATURES JUST SLIGHTLY BELOW
NORMAL.

ON THURSDAY...DRY NORTHWEST FLOW ALOFT WILL PREVAIL OVER THE
REGION...AND SOME WEAK OFFSHORE FLOW WILL KICK IN. THIS WILL RESULT
IN SOME WARMING TO THE AREA. MAINLY ZONAL FLOW ALOFT WILL OCCUR
FRIDAY THROUGH FRIDAY...WITH WEAK OFFSHORE FLOW AT TIMES AND A SLOW
WARMING TREND. THE OFFSHORE FLOW WILL LIKELY KEEP THE NIGHT AND
MORNING MARINE LAYER CLOUDS FROM FORMING. ONSHORE FLOW LOOKS TO
RETURN BY LATE SUNDAY...WITH THE PROBABLE RETURN OF MARINE LAYER
STRATUS TO THE COAST/VALLEYS SUNDAY NIGHT INTO MONDAY MORNING.

&&

.AVIATION...
022100Z...COAST/VALLEYS...BKN/OVC STRATUS WITH BASES 2000-3000 FT
MSL AND TOPS TO 4000 FT MSL...WILL CONTINUE TO SPREAD INLAND AND
WILL LIKELY COVER MOST AREAS WEST OF THE MOUNTAINS BY 23Z. SHOWERS
WILL DEVELOP IN ORANGE COUNTY...INCLUDING AT KSNA...BETWEEN 23Z AND
02Z AND SPREAD SOUTH AND EAST BETWEEN 02Z AND 06Z...INCLUDING AT
KSAN/KCRQ...AND SHOULD REACH KONT AROUND 01Z. THIS WILL BRIEFLY LOWER
BASES TO 1200-2000 FT MSL AND BRIEFLY LOWER VIS TO 3-5 MI...THOUGH
OTHERWISE BASES WILL MOSTLY BE 2000-3000 FT MSL WITH TOPS TO 8000 FT
MSL. HIGHER TERRAIN WILL BE OBSCURED AT TIMES 23Z THIS AFTERNOON TO
08Z TONIGHT. SHOWERS WILL BECOME MORE ISOLATED LATE TONIGHT.

MOUNTAINS/DESERTS...MOSTLY SUNNY SKIES WILL PREVAIL THROUGH
23Z...THEN COASTAL SLOPES WILL GRADUALLY BECOME OBSCURED IN CLOUDS
AS CLOUDS MOVE IN FROM THE WEST...WITH CLOUD TOPS TO AROUND 10000 FT
MSL. SHOWERS WILL DEVELOP AND MOVE FROM NORTHWEST TO SOUTHEAST
MOSTLY IN THE MOUNTAINS AND MAINLY BETWEEN 00Z AND 08Z. AREAS OF VIS
2-4 MI WILL OCCUR IN THE SHOWERS...WITH VIS BELOW 1 MI WHERE CLOUDS
INTERSECT TERRAIN. AREAS OF WEST SURFACE WINDS 15-30 KT FROM THE
WEST/SOUTHWEST WITH GUSTS TO 50 KT WILL OCCUR 19Z TODAY THROUGH
TONIGHT OVER HIGHEST MOUNTAIN TERRAIN...DESERT SLOPES AND DESERT
FOOTHILLS.

&&

.MARINE...
100 PM...THE TROUGH OF LOW PRESSURE WILL BRING STRONGER WINDS LATER
TODAY AND ESPECIALLY TONIGHT. IT LOOKS LIKE THE TIMING OF THE
STRONGEST WINDS...WITH SUSTAINED 20-25 KT WITH GUSTS 25-30 KT...WILL
OCCUR BETWEEN ABOUT 4 PM TODAY AND MIDNIGHT TONIGHT...BUT SOME GUSTS
AROUND 25 KT WILL OCCUR TUESDAY AS WELL. THIS WILL RESULT IN CHOPPY
COMBINED SEAS OF 7-9 FEET. THERE IS ALSO A SLIGHT CHANCE OF
THUNDERSTORMS TUESDAY...WITH THE PRIMARY THREAT BEING CLOUD-TO-WATER
LIGHTNING STRIKES. THE SMALL CRAFT ADVISORY CONTINUES FROM 1 PM
TODAY UNTIL 6 PM TUESDAY...SEE LAXMWWSGX.

&&

.SKYWARN...
SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE
ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...
CA...WIND ADVISORY UNTIL 3 AM PST TUESDAY FOR APPLE AND LUCERNE
VALLEYS-RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY
MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO PASS NEAR
BANNING.

PZ...SMALL CRAFT ADVISORY UNTIL 6 PM PST TUESDAY FOR COASTAL WATERS

659
FXUS65 KPSR 022116
AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
215 PM MST MON NOV 2 2015

.SYNOPSIS...

A STRONG PACIFIC LOW PRESSURE SYSTEM WILL BRING MUCH COOLER TEMPERATURES TO THE ENTIRE REGION TOMORROW...AND A CHANCE FOR LIGHT SHOWERS ACROSS CENTRAL ARIZONA TOMORROW AND WEDNESDAY. A RETURN TO DRY CONDITIONS AND A SLOW WARMING TREND WILL OCCUR DURING THE END OF THE WEEK AS HIGH PRESSURE GRADUALLY REBUILDS INTO THE DESERT SOUTHWEST.

&&

.DISCUSSION...

DRY RIDGING ALOFT STILL PREDOMINATES OVER THE SWRN CONUS THIS AFTERNOON...HOWEVER PROGRESSIVE DEEP TROUGHING IS VERY EVIDENT ON WV IMAGERY DIVING SOUTH ALONG THE CNTRL CALIFORNIA COAST. IR SATELLITE SHOWS A LARGE SWATH OF SPECKLED CLOSED CELL CONVECTION STREAMING DOWN THE NORTHWEST COAST LINE SUGGESTING THE COLD CORE TRAILING THE INITIAL PV ANOMALY. H5 HEIGHT FALLS OF 5-6DM WERE EVIDENT ON 12Z REGIONAL SOUNDINGS ENTERING THE FAR WRN CWA...WITH MORE SUBSTANTIAL HEIGHT FALLS APPROACHING FROM UPSTREAM.

CONCURRENTLY...A LOW LEVEL COLD FRONT HAS ALREADY PUSHED ONSHORE INTO SERN CALIFORNIA THROUGH THE SAN DIEGO AND SAN BERNARDINO MOUNTAINS...WITH A STEEPENED POST FRONTAL SFC PRESSURE GRADIENT FORCING GUSTY WEST WINDS. CURRENT OBSERVATIONS AND MODEL FORECASTS SUPPORT A BRIEF PERIOD OF STRONGER WIND GUSTS WITH FROPA...THOUGH REMAINING JUST BELOW ADVISORY CRITERIA. THIS FRONT WILL REACH THE COLORADO RIVER BY EARLY TUESDAY MORNING...THEN PROGRESSING INTO CENTRAL ARIZONA TUESDAY AFTERNOON. THIS FRONT WILL BE THE DELINEATOR OF OUR CURRENT WARM AIRMASS...AND A FAR COOLER AUTUMN AIRMASS FOR THE REMAINDER OF THE WEEK.

DESPITE STEEP FRONTOGENETICAL FORCING ASSOCIATED WITH THIS FROPA...ANALYSIS OF FORECAST SOUNDINGS AND CROSS SECTIONS DEPICT ONLY LIMITED MOISTURE (ABOUT 8 G/KG) IN THE H8-H7 LAYER. IN ADDITION...THIS FRONTAL RIBBON OF SATURATION WILL BE TOPPED BY A WARM LAYER ALOFT...AND THE TEMPORAL DURATION OF FRONTALLY FORCED ASCENT MAY NOT BE SUFFICIENT PUSH CLOUD DEPTHS TO SUPPORT ORGANIZED SHOWERS. THE MOST LIKELY OUTCOME THROUGH TUESDAY AFTERNOON WILL BE ISOLD VERY LIGHT SHOWERS (SPRINKLES) AT LOWER ELEVATION...AND BETTER CHANCES OF A COUPLE HUNDREDTHS OF ACCUMULATION IN OROGRAPHICALLY FAVORED LOCATIONS NORTH AND EAST OF PHOENIX.

BY AND LARGE...THE GREATEST OPPORTUNITY FOR ACCUMULATING LIGHT RAIN THROUGHOUT A GREATER PORTION OF CNTRL ARIZONA WILL OCCUR ON WEDNESDAY AS THE MAIN COLD CORE AND PV ANOMALY TRAVERSES THE FORECAST AREA. WHILE H8-H7 MOISTURE VALUES WILL DECREASE CLOSER TO 4-5G/KG...ADVECTION OF H7 TEMPERATURES NEAR -6C AND H5 TEMPERATURES NEAR -21C JUXTAPOSED WITH BETTER CYCLONIC JET SUPPORT WILL AID IN SCT SHOWER DEVELOPMENT (ESPECIALLY BUT NOT EXCLUSIVELY TIED TO DAYTIME HEATING). CANNOT DISCOUNT SOME EMBEDDED THUNDER WITH ANY OF THESE SHOWERS DURING PEAK HEATING (MUCAPES UP TO 100 J/KG)...THOUGH GIVEN THE PROGRESSIVE ADVECTION OF DRY AIR...COVERAGE MAY BE LIMITED IN TIME AND SPACE. ALSO GIVEN THE SHOWERY NATURE OF THIS ACTIVITY...NOT EVERY COMMUNITY WILL EXPERIENCE RAINFALL AND SREF MEANS SUGGEST A WIDE RANGE OF POTENTIAL OUTCOMES (FROM 0.00 TO OVER ONE HALF INCH). HAVE MADE SOME TARGETED INCREASES TO POPS BASED ON ENSEMBLE OUTPUT DURING THIS WEDNESDAY TIME FRAME. BY THURSDAY MORNING...THE TROUGH AXIS WILL RAPIDLY BE PUSHING EAST OF THE FORECAST AREA WITH LITTLE TO NO CHANCE OF ANY ADDITIONAL SHOWERS DURING THE DAYLIGHT HOURS.

FRIDAY THROUGH SUNDAY... DRY CONDITIONS AND A SLOW WARMING TREND IS STILL EXPECTED FOR THIS PERIOD AS HIGH PRESSURE RIDGING ALOFT GRADUALLY PUSHES EASTWARD INTO THE REGION...WITH NEAR-NORMAL TEMPS RETURNING BY NEXT WEEKEND.

&&

.AVIATION...

SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...AND SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND

KBLH...

WINDS WILL BE ON THE INCREASE OVERNIGHT FOR THE WESTERN TERMINALS OF KIPL AND KBLH...FOLLOWED BY THE PHX AREA TERMINALS TOWARDS EARLY TUESDAY AM. WIND GUSTS NEAR 30KTS WILL BE POSSIBLE OVERNIGHT FOR KBLH AND KIPL WITH INCREASE HIGH CLOUD COVERAGE...MAINLY REMAINING SCT TO BKN NATURE. WESTERLY AFTN WINDS FOR THE PHX TERMINALS WILL TURN BACK TO SESTRLY FOR THE OVERNIGHT/AM AND INCREASE IN SPEED THROUGH TUESDAY MORNING...POSSIBLY WITH 10-12KTS SUSTAINED. MID-LEVEL CLOUDS WILL INCREASE FROM THE WEST...BECOMING SCT TO BKN BY MID-MORNING TUESDAY.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...
WEDNESDAY THROUGH MONDAY...
A RATHER STRONG WEATHER SYSTEM WILL MOVE THROUGH ON WEDNESDAY AND EXIT THE REGION THURSDAY. THIS WILL BRING MUCH COOLER TEMPERATURES AND MINIMUM AFTERNOON HUMIDITY LEVELS OF 25 TO 40 PERCENT. OVERNIGHT RECOVERY WILL BE GOOD TO EXCELLENT DURING THIS TIME FRAME. WHILE A FEW SHOWERS WILL BE POSSIBLE...THE CHANCE OF WETTING RAINS WILL VERY LIMITED (MOST TO HIGHER TERRAIN LOCATIONS). FOR THE END OF THE WEEK AND INTO THE WEEKEND...SOMEWHAT DRIER AND WARMER WEATHER WILL RETURN THOUGH NOT YIELDING ANY FIRE WEATHER CONCERNS.

&&

.SPOTTER INFORMATION STATEMENT...
SPOTTERS ARE ENCOURAGED TO REPORT BASED ON STANDARD OPERATING PROCEDURES.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...
AZ...NONE.
CA...NONE.

&&

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...MO/PERCHA
AVIATION...NOLTE
FIRE WEATHER...KUHLMAN

␣
685
WMUS76 KSGX 030303
NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
703 PM PST MON NOV 2 2015

...STRONG AND GUSTY WINDS TONIGHT OVER THE HIGH DESERTS...MOUNTAINS
AND DESERT SLOPES...

...SURFACE LOW PRESSURE DEVELOPING OVER NEVADA WILL PULL STRONG
WESTERLY WINDS OVER THE MOUNTAIN CRESTS AND ONTO THE DESERT
SLOPES THROUGH TONIGHT. GUSTY WINDS WILL ALSO AFFECT THE HIGH
DESERTS OF SAN BERNARDINO COUNTY AND NEAR THE SAN GORGONIO PASS.
STRONGEST WINDS ARE EXPECTED EARLY TONIGHT WHEN LOCAL GUSTS TO 65
MPH ARE POSSIBLE. WINDS WILL GRADUALLY DIMINISH LATE TONIGHT.

CAZ055-056-058-060-065-031100-
/O.CON.KSGX.WI.Y.0026.000000T0000Z-151103T1100Z/
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
SAN GORGONIO PASS NEAR BANNING-
703 PM PST MON NOV 2 2015

...WIND ADVISORY REMAINS IN EFFECT UNTIL 3 AM PST TUESDAY...

* WINDS...WEST TO SOUTHWEST 20 TO 30 MPH WITH GUSTS TO 55 MPH.
LOCAL GUSTS UP TO 65 MPH ON THE DESERT SLOPES AND FOOTHILLS.

* TIMING...THROUGH LATE TONIGHT.

* LOCATION...MOUNTAIN AND DESERTS. THE WINDIEST LOCATIONS WILL
BE THE RIDGETOPS...PASSES AND DESERT SLOPES...SUCH AS THE SAN
GORGONIO AND INTERSTATE 8 PASSES.

* IMPACTS...DRIVING OF HIGH-PROFILE VEHICLES WILL BE DIFFICULT...
INCLUDING ALONG INTERSTATE 10 THROUGH SAN GORGONIO PASS...
INTERSTATE 8 IN SAN DIEGO COUNTY...AND HIGHWAY 247 NEAR LUCERNE
VALLEY.

* REPORTS...PEAK WIND GUSTS THROUGH 7 PM: 65 MPH AT BURNS CANYON
IN SAN BERNARDINO COUNTY...55 MPH AT VOLCAN MOUNTAIN IN SAN
DIEGO COUNTY...AND 51 MPH AT THE WHITEWATER RAWS STATION ABOVE
THE SAN GORGONIO PASS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH
PROFILE VEHICLES. USE EXTRA CAUTION.

&&

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MOEDE

IOWA STATE
UNIVERSITY

College of Ag
Department of Agronomy

Department of Agronomy

716 Farm House Ln
Ames, IA 50011

akrherz@iastate.edu
515-294-5978 phone

945
 NOUS46 KSGX 030345
 PNSSGX
 CAZ043-048-050-055>058-060>062-065-552-554-031200-

PUBLIC INFORMATION STATEMENT
 NATIONAL WEATHER SERVICE SAN DIEGO CA
 738 PM PST MON NOV 2 2015

...PEAK WIND GUSTS MONDAY...

LOCATION	SPEED	TIME/DATE
...COACHELLA VALLEY...		
PALM SPRINGS AIRPORT	36 MPH	0652 PM 11/02
PALM DESERT	33 MPH	0500 PM 11/02
...ORANGE COUNTY COASTAL...		
SAN CLEMENTE PIER	35 MPH	0555 PM 11/02
...ORANGE COUNTY INLAND...		
BELL CANYON	33 MPH	0651 PM 11/02
SAN CLEMENTE RIDGE	32 MPH	0630 PM 11/02
LOS ALAMITOS (1 SSE)	32 MPH	0518 PM 11/02
PLACENTIA	31 MPH	0551 PM 11/02
...RIVERSIDE COUNTY MOUNTAINS...		
VISTA GRANDE	39 MPH	0701 PM 11/02
PINYON	37 MPH	0536 PM 11/02
POPPET FLAT	31 MPH	0114 PM 11/02
ANZA SOUTHEAST	31 MPH	1249 PM 11/02
TORO PEAK	30 MPH	0555 PM 11/02
...SAN BERNARDINO COUNTY MOUNTAINS...		
BURNS CANYON	65 MPH	0551 PM 11/02
WRIGHTWOOD	45 MPH	0539 PM 11/02
HEAPS PEAK	42 MPH	0715 PM 11/02
BIG BEAR CITY AIRPORT	41 MPH	1235 PM 11/02
FAWNSKIN	40 MPH	0415 PM 11/02
ROCK CAMP	38 MPH	0302 PM 11/02
BIG BEAR CITY (2 SE)	36 MPH	0655 PM 11/02
CONVERSE	33 MPH	0209 PM 11/02
GREEN VALLEY LAKE	33 MPH	0706 PM 11/02
BIG PINE FLAT	32 MPH	0435 PM 11/02
FAWNSKIN	32 MPH	0234 PM 11/02
BIG BEAR LAKE	31 MPH	0351 PM 11/02
...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS...		
TEMESCAL	36 MPH	0241 PM 11/02
CHINO AIRPORT	35 MPH	0605 PM 11/02

LAKE MATHEWS	35 MPH	0716 PM 11/02
HIGHLAND SPRINGS	32 MPH	0316 PM 11/02
HOME GARDENS (2 N)	31 MPH	0619 PM 11/02
ONTARIO AIRPORT	31 MPH	0621 PM 11/02
RIVERSIDE AIRPORT	31 MPH	0626 PM 11/02
MARCH AFB	31 MPH	0652 PM 11/02
CORONA AIRPORT	30 MPH	0605 PM 11/02
LAKE ELSINORE (7 WNW)	30 MPH	0728 PM 11/02
PERRIS (2 NW)	30 MPH	0330 PM 11/02

...SAN DIEGO COUNTY COASTAL AREAS...

CARLSBAD (2 W)	36 MPH	0649 PM 11/02
MISSION BEACH	36 MPH	0701 PM 11/02
MISSION BEACH	36 MPH	0654 PM 11/02
RED BEACH AIRPORT	33 MPH	0649 PM 11/02
LAS FLORES	32 MPH	1122 AM 11/02

...SAN DIEGO COUNTY DESERTS...

OCOTILLO WELLS	41 MPH	0540 PM 11/02
IN KO PAH	35 MPH	0700 PM 11/02
BORREGO SPRINGS	33 MPH	0106 PM 11/02
BORREGO SPRINGS (2 E)	31 MPH	0110 PM 11/02

...SAN DIEGO COUNTY INLAND VALLEYS...

MATEO RIDGE	34 MPH	0722 PM 11/02
PALA TEMECULA ROAD (4 E RAIN	30 MPH	0120 PM 11/02

...SAN DIEGO COUNTY MOUNTAINS...

MOUNT LAGUNA	59 MPH	0625 PM 11/02
VOLCAN MOUNTAIN	57 MPH	0640 PM 11/02
HARRISON PARK	49 MPH	0610 PM 11/02
PALOMAR MTN (HIGH POINT LOOK	44 MPH	0607 PM 11/02
JULIAN (2 SE)	41 MPH	0636 PM 11/02
LUCKY FIVE RANCH	40 MPH	0630 PM 11/02
RANCHITA (RAWS)	36 MPH	0707 PM 11/02
BOULEVARD WEST	35 MPH	0610 PM 11/02
BOUCHER HILL	35 MPH	0607 PM 11/02
RANCHITA	35 MPH	0550 PM 11/02
CRESTWOOD	34 MPH	0140 PM 11/02
JULIAN (4 W)	33 MPH	0630 PM 11/02
MATAGUAY	33 MPH	0640 PM 11/02
EAST WARNERS	32 MPH	0640 PM 11/02
LAKE CUYAMACA	32 MPH	0110 PM 11/02
MT LAGUNA OBSERVATORY	32 MPH	0654 PM 11/02
CAMERON (7 N CAMPO)	31 MPH	0230 PM 11/02
CAMPO	31 MPH	0121 PM 11/02
JULIAN CDF	30 MPH	0555 PM 11/02
LA POSTA	30 MPH	0130 PM 11/02

...SAN GORGONIO PASS NEAR BANNING...

WHITEWATER RAWS	51 MPH	0350 PM 11/02
WHITE WATER (2 S)	41 MPH	0345 PM 11/02

...SANTA ANA MOUNTAINS...

CORONA	39 MPH	0211 PM 11/02
SANTIAGO PEAK	38 MPH	0700 PM 11/02
SIERRA PEAK	38 MPH	0232 PM 11/02
FREMONT CANYON	36 MPH	0651 PM 11/02
EL CARISO	33 MPH	0720 PM 11/02

...HIGH DESERTS...

APPLE VALLEY AIRPORT	45 MPH	0155 PM 11/02
LUCERNE VALLEY	44 MPH	0155 PM 11/02
VICTORVILLE AIRPORT	44 MPH	0355 PM 11/02
HESPERIA (3 SW)	43 MPH	0210 PM 11/02
LUCERNE VALLEY	43 MPH	0351 PM 11/02
APPLE VALLEY 2	42 MPH	0250 PM 11/02
PINON HILLS	41 MPH	0310 PM 11/02
HESPERIA (2 E)	37 MPH	0150 PM 11/02
HESPERIA	36 MPH	0556 PM 11/02
MOUNTAIN VIEW ACRES (3 W)	34 MPH	0358 PM 11/02
HESPERIA (7 SW)	32 MPH	0456 PM 11/02
MEANS LAKE	32 MPH	0426 PM 11/02
HESPERIA (4 SW)	31 MPH	0419 PM 11/02

OBSERVATIONS ARE COLLECTED FROM A VARIETY OF SOURCES WITH VARYING EQUIPMENT AND EXPOSURE. NOT ALL DATA LISTED ARE CONSIDERED OFFICIAL.

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MOEDE

NWS SAN DIEGO CA

IOWA STATE UNIVERSITY

College of Ag

Department of Agronomy

Department of Agronomy

716 Farm House Ln

Ames, IA 50011

akrherz@iastate.edu

515-294-5978 phone



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PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE SAN DIEGO CA
738 PM PST MON NOV 2 2015

...WIND REPORTS PAST 24 HOURS ...

LOCATION	SPEED	TIME/DATE
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...COACHELLA VALLEY-INCLUDING THE PALM SPRINGS SOUTH COAST DESERT DISTRICT...

EDEN LANDING ECOLOGICAL RESE	36 MPH	0729 PM 11/02
PALM SPRINGS AIRPORT	36 MPH	0652 PM 11/02
PALM DESERT	33 MPH	0500 PM 11/02

...ORANGE COUNTY COASTAL...

SAN CLEMENTE PIER	35 MPH	0555 PM 11/02
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...ORANGE COUNTY INLAND...

BELL CANYON	33 MPH	0651 PM 11/02
SAN CLEMENTE RIDGE	32 MPH	0630 PM 11/02
LOS ALAMITOS (1 SSE)	32 MPH	0518 PM 11/02
PLACENTIA	31 MPH	0551 PM 11/02

...RIVERSIDE COUNTY MOUNTAINS-INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE SAN BERNARDINO NATI

VISTA GRANDE	39 MPH	0701 PM 11/02
PINYON	37 MPH	0536 PM 11/02
POPPET FLAT	31 MPH	0114 PM 11/02
ANZA SOUTHEAST	31 MPH	1249 PM 11/02
TORO PEAK	30 MPH	0555 PM 11/02

...SAN BERNARDINO COUNTY MOUNTAINS-INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS O

BURNS CANYON	65 MPH	0551 PM 11/02
WRIGHTWOOD	45 MPH	0539 PM 11/02
HEAPS PEAK	42 MPH	0715 PM 11/02
BIG BEAR CITY AIRPORT	41 MPH	1235 PM 11/02
FAWNSKIN	40 MPH	0415 PM 11/02
ROCK CAMP	38 MPH	0302 PM 11/02
BIG BEAR CITY (2 SE)	36 MPH	0655 PM 11/02
CONVERSE	33 MPH	0209 PM 11/02
GREEN VALLEY LAKE	33 MPH	0706 PM 11/02
BIG PINE FLAT	32 MPH	0435 PM 11/02
FAWNSKIN	32 MPH	0234 PM 11/02
BIG BEAR LAKE	31 MPH	0351 PM 11/02

...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...

TEMESCAL	36 MPH	0241 PM 11/02
CHINO AIRPORT	35 MPH	0605 PM 11/02

LAKE MATHEWS	35 MPH	0716 PM 11/02
HIGHLAND SPRINGS	32 MPH	0316 PM 11/02
HOME GARDENS (2 N)	31 MPH	0619 PM 11/02
ONTARIO AIRPORT	31 MPH	0621 PM 11/02
RIVERSIDE AIRPORT	31 MPH	0626 PM 11/02
MARCH AFB	31 MPH	0652 PM 11/02
CORONA AIRPORT	30 MPH	0605 PM 11/02
LAKE ELSINORE (7 WNW)	30 MPH	0728 PM 11/02
PERRIS (2 NW)	30 MPH	0330 PM 11/02

...SAN DIEGO COUNTY COASTAL AREAS...

CARLSBAD (2 W)	36 MPH	0649 PM 11/02
MISSION BEACH	36 MPH	0701 PM 11/02
MISSION BEACH	36 MPH	0654 PM 11/02
RED BEACH AIRPORT	33 MPH	0649 PM 11/02
LAS FLORES	32 MPH	1122 AM 11/02
NATIONAL CITY (1 N)	30 MPH	0556 PM 11/01

...SAN DIEGO COUNTY DESERTS-INCLUDING THE ANZA BORREGO DESERT STATE PARK...

OCOTILLO WELLS	41 MPH	0540 PM 11/02
IN KO PAH	35 MPH	0700 PM 11/02
BORREGO SPRINGS	33 MPH	0106 PM 11/02
BORREGO SPRINGS (2 E)	31 MPH	0110 PM 11/02

...SAN DIEGO COUNTY INLAND VALLEYS...

MATEO RIDGE	34 MPH	0722 PM 11/02
PALA TEMECULA ROAD (4 E RAIN	30 MPH	0120 PM 11/02

...SAN DIEGO COUNTY MOUNTAINS-INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND

MOUNT LAGUNA	59 MPH	0625 PM 11/02
VOLCAN MOUNTAIN	57 MPH	0640 PM 11/02
HARRISON PARK	49 MPH	0610 PM 11/02
PALOMAR MTN (HIGH POINT LOOK	44 MPH	0607 PM 11/02
JULIAN (2 SE)	41 MPH	0636 PM 11/02
LUCKY FIVE RANCH	40 MPH	0630 PM 11/02
RANCHITA (RAWS)	36 MPH	0707 PM 11/02
BOULEVARD WEST	35 MPH	0610 PM 11/02
BOUCHER HILL	35 MPH	0607 PM 11/02
RANCHITA	35 MPH	0550 PM 11/02
CRESTWOOD	34 MPH	0140 PM 11/02
JULIAN (4 W)	33 MPH	0630 PM 11/02
MATAGUAY	33 MPH	0640 PM 11/02
EAST WARNERS	32 MPH	0640 PM 11/02
LAKE CUYAMACA	32 MPH	0110 PM 11/02
MT LAGUNA OBSERVATORY	32 MPH	0654 PM 11/02
CAMERON (7 N CAMPO)	31 MPH	0230 PM 11/02
CAMPO	31 MPH	0121 PM 11/02
JULIAN CDF	30 MPH	0555 PM 11/02
LA POSTA	30 MPH	0130 PM 11/02

...SAN GORGONIO PASS NEAR BANNING...

WHITEWATER RAWS	51 MPH	0350 PM 11/02
WHITE WATER (2 S)	41 MPH	0345 PM 11/02

...SANTA ANA MOUNTAINS-INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL FOREST...
CORONA 39 MPH 0211 PM 11/02
SANTIAGO PEAK 38 MPH 0700 PM 11/02
SIERRA PEAK 38 MPH 0232 PM 11/02
FREMONT CANYON 36 MPH 0651 PM 11/02
EL CARISO 33 MPH 0720 PM 11/02

...VICTOR VALLEY - APPLE VALLEY - LUCERNE VALLEY - JOHNSON VALLEY...

APPLE VALLEY AIRPORT 45 MPH 0155 PM 11/02
LUCERNE VALLEY 44 MPH 0155 PM 11/02
VICTORVILLE AIRPORT 44 MPH 0355 PM 11/02
HESPERIA (3 SW) 43 MPH 0210 PM 11/02
LUCERNE VALLEY 43 MPH 0351 PM 11/02
APPLE VALLEY 2 42 MPH 0250 PM 11/02
PINON HILLS 41 MPH 0310 PM 11/02
HESPERIA (2 E) 37 MPH 0150 PM 11/02
HESPERIA 36 MPH 0556 PM 11/02
MOUNTAIN VIEW ACRES (3 W) 34 MPH 0358 PM 11/02
HESPERIA (7 SW) 32 MPH 0456 PM 11/02
MEANS LAKE 32 MPH 0426 PM 11/02
HESPERIA (4 SW) 31 MPH 0419 PM 11/02

OBSERVATIONS ARE COLLECTED FROM A VARIETY OF SOURCES WITH VARYING
EQUIPMENT AND EXPOSURE. NOT ALL DATA LISTED ARE CONSIDERED OFFICIAL.

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NWS SAN DIEGO CA
IRIS SYSTEM

IOWA STATE UNIVERSITY

College of Ag

Department of Agronomy

Department of Agronomy

716 Farm House Ln

Ames, IA 50011

akrherz@iastate.edu

515-294-5978 phone

National Weather Service Raw Text Product

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URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
802 PM MST MON NOV 2 2015

CAZ033-030900-
/O.NEW.KPSR.DU.Y.0038.151103T0302Z-151103T0900Z/
IMPERIAL COUNTY-
INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO...
GLAMIS...IMPERIAL...THE SALTON SEA
702 PM PST MON NOV 2 2015

...BLOWING DUST ADVISORY IN EFFECT UNTIL 1 AM PST TUESDAY...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A BLOWING DUST
ADVISORY...WHICH IS IN EFFECT UNTIL 1 AM PST TUESDAY.

* AFFECTED AREA...IMPERIAL COUNTY...INCLUDING EL
CENTRO...IMPERIAL...INTERSTATE 8.

* TIMING...UNTIL 1 AM PST.

* WINDS...25 TO 35 MPH WITH OCCASIONAL GUSTS NEAR 40 MPH.

* VISIBILITY...DROPPING TO AROUND 1 MILE OR LESS.

* IMPACTS...REDUCED VISIBILITIES WILL RESULT IN HAZARDOUS DRIVING
CONDITIONS. USE CAUTION ESPECIALLY ALONG INTERSTATE 8 THIS
EVENING.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER
BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT
APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR
VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR
FOOT OFF THE BRAKE PEDAL.

REMEMBER...PULL ASIDE...STAY ALIVE.

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FXUS65 KPSR 030320
AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
820 PM MST MON NOV 2 2015

.SYNOPSIS...
A STRONG PACIFIC LOW PRESSURE SYSTEM WILL BRING MUCH COOLER
TEMPERATURES TO THE ENTIRE REGION TOMORROW...AND A CHANCE FOR LIGHT
SHOWERS ACROSS CENTRAL ARIZONA TOMORROW AND WEDNESDAY. A RETURN TO
DRY CONDITIONS AND A SLOW WARMING TREND WILL OCCUR DURING THE END OF
THE WEEK AS HIGH PRESSURE GRADUALLY REBUILDS INTO THE DESERT
SOUTHWEST.

&&
.DISCUSSION...
PRE-FRONTAL WINDS HAVE STARTED INCREASING THIS EVENING ACROSS
SOUTHEAST CALIFORNIA...ESPECIALLY SINCE SUNSET. WINDS AT EL
CENTRO/IMPERIAL ALREADY GUSTING TO 35KTS WITH SOME REPORTS OF BLOWING
DUST. WINDS HAVE BEEN SOMEWHAT LESS TO THE NORTH BUT ARE STARTING TO
TURN AROUND OUT OF THE SOUTHWEST. LOCAL HI-RES MODELS ALONG WITH THE PAST
FEW RUNS OF THE HRRR SUGGEST THESE WINDS WILL CONTINUE FOR THE NEXT
SEVERAL HOURS AND WITH DUST ALREADY REPORTED ACROSS A HIGH-IMPACT
TRAVEL CORRIDOR...FELT IT PRUDENT TO ISSUE A BLOWING DUST ADVISORY
FOR THE NEXT SEVERAL HOURS. VERY MINOR UPDATES TO THE SHORT TERM
GRIDS...OTHERWISE THE INHERITED FORECAST LOOKS IN GOOD SHAPE.

&&
.PREVIOUS DISCUSSION...
A LOW LEVEL COLD FRONT HAS ALREADY PUSHED ONSHORE INTO SERN
CALIFORNIA THROUGH THE SAN DIEGO AND SAN BERNARDINO MOUNTAINS...WITH
A STEEPENED POST FRONTAL SFC PRESSURE GRADIENT FORCING GUSTY WEST
WINDS. CURRENT OBSERVATIONS AND MODEL FORECASTS SUPPORT A BRIEF
PERIOD OF STRONGER WIND GUSTS WITH FROPA...THOUGH REMAINING JUST
BELOW ADVISORY CRITERIA. THIS FRONT WILL REACH THE COLORADO RIVER BY
EARLY TUESDAY MORNING...THEN PROGRESSING INTO CENTRAL ARIZONA TUESDAY
AFTERNOON. THIS FRONT WILL BE THE DELINEATOR OF OUR CURRENT WARM
AIRMASS...AND A FAR COOLER AUTUMN AIRMASS FOR THE REMAINDER OF THE
WEEK.

DESPITE STEEP FRONTOGENETICAL FORCING ASSOCIATED WITH THIS
FROPA...ANALYSIS OF FORECAST SOUNDINGS AND CROSS SECTIONS DEPICT
ONLY LIMITED MOISTURE (ABOUT 8 G/KG) IN THE H8-H7 LAYER. IN
ADDITION...THIS FRONTAL RIBBON OF SATURATION WILL BE TOPPED BY A
WARM LAYER ALOFT...AND THE TEMPORAL DURATION OF FRONTALLY FORCED
ASCENT MAY NOT BE SUFFICIENT PUSH CLOUD DEPTHS TO SUPPORT ORGANIZED
SHOWERS. THE MOST LIKELY OUTCOME THROUGH TUESDAY AFTERNOON WILL BE
ISOLD VERY LIGHT SHOWERS (SPRINKLES) AT LOWER ELEVATION...AND BETTER
CHANCES OF A COUPLE HUNDREDTHS OF ACCUMULATION IN OROGRAPHICALLY
FAVORED LOCATIONS NORTH AND EAST OF PHOENIX.

BY AND LARGE...THE GREATEST OPPORTUNITY FOR ACCUMULATING LIGHT RAIN
THROUGHOUT A GREATER PORTION OF CNTRL ARIZONA WILL OCCUR ON
WEDNESDAY AS THE MAIN COLD CORE AND PV ANOMALY TRAVERSES THE
FORECAST AREA. WHILE H8-H7 MOISTURE VALUES WILL DECREASE CLOSER TO 4-
5G/KG...ADVECTION OF H7 TEMPERATURES NEAR -6C AND H5 TEMPERATURES
NEAR -21C JUXTAPOSED WITH BETTER CYCLONIC JET SUPPORT WILL AID IN
SCT SHOWER DEVELOPMENT (ESPECIALLY BUT NOT EXCLUSIVELY TIED TO
DAYTIME HEATING). CANNOT DISCOUNT SOME EMBEDDED THUNDER WITH ANY OF
THESE SHOWERS DURING PEAK HEATING (MUCAPES UP TO 100 J/KG)...THOUGH
GIVEN THE PROGRESSIVE ADVECTION OF DRY AIR...COVERAGE MAY BE LIMITED
IN TIME AND SPACE. ALSO GIVEN THE SHOWERY NATURE OF THIS
ACTIVITY...NOT EVERY COMMUNITY WILL EXPERIENCE RAINFALL AND SREF
MEANS SUGGEST A WIDE RANGE OF POTENTIAL OUTCOMES (FROM 0.00 TO OVER
ONE HALF INCH). HAVE MADE SOME TARGETED INCREASES TO POPS BASED ON
ENSEMBLE OUTPUT DURING THIS WEDNESDAY TIME FRAME. BY THURSDAY
MORNING...THE TROUGH AXIS WILL RAPIDLY BE PUSHING EAST OF THE
FORECAST AREA WITH LITTLE TO NO CHANCE OF ANY ADDITIONAL SHOWERS
DURING THE DAYLIGHT HOURS.

FRIDAY THROUGH SUNDAY... DRY CONDITIONS AND A SLOW WARMING TREND IS
STILL EXPECTED FOR THIS PERIOD AS HIGH PRESSURE RIDGING ALOFT
GRADUALLY PUSHES EASTWARD INTO THE REGION...WITH NEAR-NORMAL TEMPS
RETURNING BY NEXT WEEKEND.

&&

.AVIATION...
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...
WINDS WILL RETAIN AN EASTERLY COMPONENT OVERNIGHT BUT QUICKLY TURN
AROUND OUT OF THE WEST LATE TUESDAY MORNING WITH GUSTS AROUND 20KTS
AS A COLD FRONT MOVES THROUGH THE AREA. AT THE SAME TIME...CIGS WILL
THICKEN AND LIKELY LOWER TO AROUND 8-10KFT. VERY ISOLATED SHOWERS ARE
POSSIBLE COINCIDENT WITH THE FRONTAL PASSAGE BUT AREAL COVERAGE IS
TOO LOW TO INCLUDE IN ANY OF THE TAFS. CONDITIONS WILL DRY OUT DURING
THE AFTERNOON BUT CIGS ARE LIKELY TO HANG IN THE 12-15KFT RANGE
THROUGH TUESDAY NIGHT.

SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...
WINDS ARE INCREASING ACROSS SOUTHEAST CALIFORNIA AND WILL REMAIN
ELEVATED FOR MOST OF THE OVERNIGHT HOURS. HAZE/BLOWING DUST ARE THE
PRIMARY IMPACTS THROUGH 12Z. OTHERWISE WINDS WILL GRADUALLY WEAKEN
WITH LITTLE TO NO CHANCE OF PRECIPITATION AS A COLD FRONT MOVES
THROUGH THE AREA.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...
WEDNESDAY THROUGH MONDAY...
A RATHER STRONG WEATHER SYSTEM WILL MOVE THROUGH ON WEDNESDAY AND
EXIT THE REGION THURSDAY. THIS WILL BRING MUCH COOLER TEMPERATURES
AND MINIMUM AFTERNOON HUMIDITY LEVELS OF 25 TO 40 PERCENT. OVERNIGHT
RECOVERY WILL BE GOOD TO EXCELLENT DURING THIS TIME FRAME. WHILE A
FEW SHOWERS WILL BE POSSIBLE...THE CHANCE OF WETTING RAINS WILL VERY
LIMITED (MOST TO HIGHER TERRAIN LOCATIONS). FOR THE END OF THE WEEK
AND INTO THE WEEKEND...SOMEWHAT DRIER AND WARMER WEATHER WILL RETURN
THOUGH NOT YIELDING ANY FIRE WEATHER CONCERNS.

&&

.SPOTTER INFORMATION STATEMENT...
SPOTTERS ARE ENCOURAGED TO REPORT BASED ON STANDARD OPERATING
PROCEDURES.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...
AZ...NONE.
CA...BLOWING DUST ADVISORY UNTIL 1 AM PST TUESDAY FOR CAZ033.

&&

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...LEINS/MO/PERCHA
AVIATION...LEINS
FIRE WEATHER...KUHLMAN

IOWA STATE UNIVERSITY

College of Ag
Department of Agronomy

Department of Agronomy

716 Farm House Ln
Ames, IA 50011

akrherz@iastate.edu
515-294-5978 phone



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URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
902 PM MST MON NOV 2 2015

CAZ033-030900-
/O.NEW.KPSR.WI.Y.0012.151103T0402Z-151103T0900Z/
/O.CON.KPSR.DU.Y.0038.000000T0000Z-151103T0900Z/
IMPERIAL COUNTY-
INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO...
GLAMIS...IMPERIAL...THE SALTON SEA
802 PM PST MON NOV 2 2015

...WIND ADVISORY IN EFFECT UNTIL 1 AM PST TUESDAY...
...BLOWING DUST ADVISORY REMAINS IN EFFECT UNTIL 1 AM PST
TUESDAY...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A WIND
ADVISORY...WHICH IS IN EFFECT UNTIL 1 AM PST TUESDAY.

* AFFECTED AREA...IMPERIAL COUNTY...INCLUDING EL CENTRO...
IMPERIAL...INTERSTATE 8.

* TIMING...UNTIL 1 AM PST.

* WINDS...WEST WINDS AT 30 TO 40 MPH WITH OCCASIONAL GUSTS AROUND 50
MPH.

* VISIBILITY...DROPPING TO AROUND 1 MILE OR LESS.

* IMPACTS...REDUCED VISIBILITIES WILL RESULT IN HAZARDOUS DRIVING
CONDITIONS. USE CAUTION ESPECIALLY ALONG INTERSTATE 8 THIS EVENING.
MOTORISTS ALONG NORTH-SOUTH ORIENTED ROADWAYS COULD EXPERIENCE
DANGEROUS CROSS WINDS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER
BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT
APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR
VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR
FOOT OFF THE BRAKE PEDAL.

REMEMBER...PULL ASIDE...STAY ALIVE.

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AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
930 PM PST MON NOV 2 2015

.SYNOPSIS...COLDER TONIGHT AND TUESDAY WITH SCATTERED SHOWERS AS A TROUGH OF LOW PRESSURE MOVES ACROSS THE REGION. GUSTY WEST WINDS WILL CONTINUE OVER THE MOUNTAINS AND DESERTS THROUGH EARLY TUESDAY. SHOWERS MAY LINGER OVER THE SAN DIEGO COUNTY MOUNTAINS THROUGH WEDNESDAY MORNING BEFORE ENDING. WARMER THURSDAY INTO THE WEEKEND WHEN TEMPERATURES WILL BE SLIGHTLY ABOVE AVERAGE.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

A DEEP LOW PRESSURE TROUGH BROUGHT STRONG ONSHORE FLOW AND A DEEPER MARINE LAYER THAT BROUGHT 10-15 DEGREES OF COOLING WEST OF THE MOUNTAINS. THE TROUGH ALSO BROUGHT RAIN WHICH HAS BEEN LIGHT IN MOST LOW ELEVATION AREAS...WITH LOCAL MODERATE RAIN IN THE HIGHER TERRAIN. THE HIGHEST TOTALS SO FAR HAVE BEEN IN THE SAN BERNARDINO MOUNTAINS WHERE OVER 0.40 INCHES WAS REPORTED AT RUNNING SPRINGS AND BIG BEAR LAKE THROUGH 9 PM. A PRECIPITATION SUMMARY IS HEADLINED ON OUR WEBPAGE.

THE MAIN RAIN BAND AND SURFACE COLD FRONT WILL MOVE EAST TONIGHT WITH ISOLATED/SCATTERED INSTABILITY SHOWERS OVERNIGHT. COVERAGE WILL BE LIMITED DUE TO A LACK OF DEEP LAYER MOISTURE AND INSTABILITY. HOWEVER...SHOWERS ARE LOOKING MORE LIKELY TUESDAY AS A SERIES OF SHORTWAVES ROUND THE BASE OF THE LONGWAVE TROUGH. ATMOSPHERIC INSTABILITY WILL BE GREATER TUESDAY WITH COLD CORE 500 MB TEMPS FALLING TO -22C. THE 00Z WRF PROJECTS CAPE OF 100-200 J/KG OVER COASTAL AND VALLEY AREAS TOMORROW AFTERNOON...AND 500 J/KG OF CAPE OVER THE COASTAL WATERS. THUNDERSTORMS ARE DISTINCTLY POSSIBLE. OROGRAPHICS WILL BE OPTIMIZED BY STRONG 850-700MB WESTERLY WINDS OF 15-30 KT...AND THE HIGH REZ MODELS CONTINUE TO FOCUS THE HIGHEST PRECIP TOTALS OVER SAN DIEGO COUNTY. SNOW LEVELS WILL FALL TO AROUND 6000 FEET WITH AN INCH OR TWO OF SNOW ABOVE 7000 FEET IN THE SAN BERNARDINO AND SAN JACINTO MTNS.

STRONG WINDS CONTINUE OVER THE MOUNTAINS AND DESERTS WHERE A WIND ADVISORY CONTINUES THROUGH EARLY TUESDAY MORNING FOR GUSTS OF 55 MPH AND LOCAL GUSTS TO 65 MPH.

ON WEDNESDAY THE TROUGH WILL DRIFT TO THE EAST AND DRY NORTHWEST FLOW WILL BEGIN MOVING INTO SOUTHWEST CALIFORNIA. A FEW SHOWERS MAY LINGER ON THE BACKSIDE OF THE TROUGH OVER THE MOUNTAINS...BUT THE

ACTIVITY WILL BE WANING AS THE ATMOSPHERE STABILIZES THROUGHOUT THE DAY.

STORM TOTAL PRECIPITATION AMOUNTS...HIGHEST QPF IS FORECAST OVER SAN DIEGO COUNTY MTNS AND FOOTHILLS WHERE 1.00-1.75" IS POSSIBLE THROUGH TUESDAY NIGHT. FARTHER WEST...0.30 TO 0.60 INCHES IS FORECAST FOR THE SAN DIEGO COUNTY COAST...AND 0.40 TO 0.85 INCHES FOR THE SAN DIEGO COUNTY VALLEYS.

0.10 TO 0.25 INCHES IS FORECAST ORANGE COUNTY AND IN THE INLAND EMPIRE...WITH 0.25 TO 0.40 INCHES IN THE SANTA ANA MOUNTAINS AND FOOTHILLS.

0.30 TO 0.85 INCHES IS FORECAST IN THE SAN BERNARDINO AND RIVERSIDE COUNTY MOUNTAINS. A TRACE TO 0.15 INCHES IS FORECAST IN THE DESERTS.

THURSDAY THROUGH SATURDAY...DRY WEATHER THROUGH THE PERIOD WITH A WARMING TREND AND A BRIEF PERIOD OF WEAK OFFSHORE FLOW.

&&

.AVIATION...

030430Z...COAST/VALLEYS...BKN/OVC CLOUDS WITH BASES 2500-3500 FT. 2 BANDS OF SHOWERS BROUGHT BRIEF MVFR VISIBILITY. SCT-BKN CEILINGS WILL PERSIST WITH ONLY WIDELY SCATTERED SHOWERS OVERNIGHT AND TERRAIN OBSTRUCTIONS ABOVE 3000 FEET. ADDITIONAL SHOWERS ON TUESDAY WITH ISOLATED THUNDERSTORMS.

MOUNTAINS/DESERTS...BRIEF WIND GUSTS EARLY THIS EVENING BUT OTHER THAN AN ISOLATED SHOWER AND BRIEF MVFR VISIBILITIES THERE WILL BE SCT-BKN MID LEVEL CLOUDS TONIGHT.

&&

.MARINE...

830 PM...SMALL CRAFT ADVISORY CONTINUES WITH GUSTY NORTHWEST BEHIND THE COLD FRONT. WIND GUSTS 30 KNOTS AND GRADUALLY LOWERING TO 20 KNOTS LATE TONIGHT AND TUESDAY. THIS WILL RESULT IN CHOPPY COMBINED SEAS OF 7-9 FEET. THERE IS ALSO A SLIGHT CHANCE OF THUNDERSTORMS TUESDAY...WITH THE PRIMARY THREAT BEING CLOUD-TO-WATER LIGHTNING STRIKES. THE SMALL CRAFT ADVISORY CONTINUES UNTIL 6 PM TUESDAY...SEE LAXMWSGX.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...WIND ADVISORY UNTIL 3 AM PST TUESDAY FOR APPLE AND LUCERNE
VALLEYS-RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY
MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO PASS NEAR
BANNING.

PZ...SMALL CRAFT ADVISORY UNTIL 6 PM PST TUESDAY FOR COASTAL WATERS
FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT TO 30 NM-
WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING
30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC...MOEDE

AVIATION/MARINE...TARDY

IOWA STATE UNIVERSITY

College of Ag

Department of Agronomy

Department of Agronomy

716 Farm House Ln

Ames, IA 50011

akrherz@iastate.edu

515-294-5978 phone



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URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
142 AM MST TUE NOV 3 2015

...GUSTY WEST WINDS DIMINISHING AND THREAT OF BLOWING DUST ENDING
EARLY THIS MORNING...

CAZ033-030945-
/O.EXP.KPSR.DU.Y.0038.000000T0000Z-151103T0900Z/
/O.EXP.KPSR.WI.Y.0012.000000T0000Z-151103T0900Z/
IMPERIAL COUNTY-
INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO...
GLAMIS...IMPERIAL...THE SALTON SEA
1242 AM PST TUE NOV 3 2015

...BLOWING DUST ADVISORY WILL EXPIRE AT 1 AM PST EARLY THIS
MORNING...
...WIND ADVISORY WILL EXPIRE AT 1 AM PST EARLY THIS MORNING...

GUSTY WEST WINDS CONTINUED TO DIMINISH LATE THIS AFTERNOON ACROSS
IMPERIAL COUNTY. AT 12 AM WINDS IN MOST LOCATIONS WERE WELL BELOW
WIND ADVISORY CRITERIA...AND ARE EXPECTED TO CONTINUE TO TAPER OFF.
THUS THE WIND ADVISORY WILL BE ALLOWED TO EXPIRE AT 1 AM. OCCASIONAL
WEST WIND GUSTS UP TO 30 MPH ARE POSSIBLE THROUGH THE MID MORNING
HOURS TODAY. IN ADDITION...DUE TO THE DIMINISHING WINDS...WIDESPREAD
BLOWING DUST AND POOR VISIBILITIES ARE NO LONGER ANTICIPATED...ALTHOUGH
SOME LOCATIONS COULD STILL SEE HAZY CONDITIONS DUE TO BLOWING DUST
INTO THE MID MORNING HOURS TODAY.

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IOWA STATE
UNIVERSITY

College of Ag
Department of Agronomy

Department of Agronomy

716 Farm House Ln
Ames, IA 50011

akrherz@iastate.edu
515-294-5978 phone

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NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
204 AM PST TUE NOV 3 2015

...WIND ADVISORY CANCELLED FOR THE HIGH DESERT...
...WIND ADVISORY EXTENDED THROUGH MID MORNING FOR THE MOUNTAINS
AND DESERT FOOTHILLS...

.STRONG WESTERLY WINDS WILL CONTINUE UNTIL AROUND SUNRISE NEAR
AND BELOW THE PASSES AND ON THE DESERT SLOPES...THEN SLOWLY WEAKEN
LATER THIS MORNING. ADVISORY STRENGTH WINDS ARE NO LONGER EXPECTED
OVER THE HIGH DESERT. HOWEVER...GUSTY AND ERRATIC WINDS WILL
CONTINUE ACROSS THE LOWER DESERTS.

CAZ060-031115-
/O.CAN.KSGX.WI.Y.0026.000000T0000Z-151103T1100Z/
APPLE AND LUCERNE VALLEYS-
204 AM PST TUE NOV 3 2015

...WIND ADVISORY IS CANCELLED...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS CANCELLED THE WIND
ADVISORY.

WINDS OF 15 TO 25 MPH WITH OCCASIONALLY HIGHER GUSTS WILL CONTINUE
THIS MORNING...BUT ADVISORY STRENGTH WINDS ARE NO LONGER EXPECTED.

\$\$

CAZ055-056-058-065-031700-
/O.EXT.KSGX.WI.Y.0026.000000T0000Z-151103T1700Z/
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-
SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO PASS NEAR BANNING-
204 AM PST TUE NOV 3 2015

...WIND ADVISORY NOW IN EFFECT UNTIL 9 AM PST THIS MORNING...

* WINDS...WEST TO SOUTHWEST 25 TO 40 MPH WITH GUSTS TO 55 MPH.
ISOLATED GUSTS UP TO 65 MPH ON THE DESERT SLOPES AND FOOTHILLS.

* TIMING...THROUGH MID MORNING.

* LOCATION...MOUNTAINS AND DESERTS. THE WINDIEST LOCATIONS WILL BE
THE RIDGETOPS...PASSES AND DESERT SLOPES...SUCH AS THE SAN
GORGONIO AND INTERSTATE 8 PASSES.

* IMPACTS...DRIVING OF HIGH-PROFILE VEHICLES WILL BE DIFFICULT...
INCLUDING ALONG INTERSTATE 10 THROUGH THE SAN GORGONIO PASS...

INTERSTATE 8 IN SAN DIEGO COUNTY...AND HIGHWAY 247 NEAR LUCERNE VALLEY.

* REPORTS...PEAK WIND GUSTS THROUGH 1 AM: 65 MPH AT BURNS CANYON IN SAN BERNARDINO COUNTY...AND EDOM HILL IN RIVERSIDE COUNTY... 60 MPH AT VOLCAN MOUNTAIN AND BOUCHER HILL IN SAN DIEGO COUNTY... AND 59 MPH AT THE WHITEWATER RAWS STATION ABOVE THE SAN GORGONIO PASS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

&&

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IOWA STATE UNIVERSITY

College of Ag

Department of Agronomy

Department of Agronomy

716 Farm House Ln

Ames, IA 50011

akrherz@iastate.edu

515-294-5978 phone



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AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
327 AM PST TUE NOV 3 2015

.SYNOPSIS...A LOW PRESSURE TROUGH IN THE UPPER ATMOSPHERE WILL MAKE SLOW PROGRESS ACROSS THE STATE THROUGH TONIGHT KEEPING THE WEATHER COOL WITH PERIODS OF SHOWERS AND ISOLATED THUNDERSTORMS. THE STRONG WINDS OVER THE MOUNTAINS AND LOCALLY INTO THE DESERTS WILL GRADUALLY WEAKEN THIS MORNING BUT THE THREAT OF SHOWERS WILL CONTINUE INTO WEDNESDAY MORNING BEFORE THE TROUGH MOVES ON TO THE EAST. FAIR...DRY AND WARMER THURSDAY INTO THE WEEKEND UNDER HIGH PRESSURE ALOFT AND WEAK OFFSHORE FLOW.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

SCATTERED SHOWERS CONTINUE TO MOVE RAPIDLY EAST ACROSS THE CWA EARLY THIS MORNING. RADAR SHOWS SMALL ECHOES MOVING RAPIDLY. THIS HAS KEPT ADDITIONAL RAINFALL AMOUNTS MOST AREAS QUITE LIGHT SINCE MIDNIGHT. STRONG ONSHORE SFC PRESSURE GRADIENTS OVER 10 MBS TO NV CONTINUE TO SUPPORT PEAK WIND GUSTS OF 45 TO 60 MPH ALONG FAVORED MOUNTAIN CRESTS AND ONTO THE DESERT SLOPES. WINDS HAVE BEEN GUSTY AND ERRATIC ON THE LOWER DESERT FLOOR WHERE MOUNTAIN WAVES ARE OCCASIONALLY TRANSFERRING SOME OF THE WIND TO THE SURFACE. A WIND ADVISORY HAS BEEN EXTENDED THROUGH 9 AM FOR THE MOUNTAINS...ADJACENT DESERT FOOTHILLS...AND THE SAN GORGONIO PASS AREA.

SATELLITE IMAGERY SHOWS A BROAD EXPANSE OF CELLULAR TYPE CUMULUS WELL OFFSHORE AND UP THE COAST. THERE WAS NO ENHANCEMENT OFFSHORE THROUGH 11Z...BUT A THICKER CLUSTER OF CELLS WAS EVIDENT NEAR POINT CONCEPTION. WATER VAPOR IMAGERY SHOWS A BROAD TROUGH ALONG THE WEST COAST...AND THERE IS A HINT OF A DISTURBANCE ABOUT 350 MILES DUE WEST OF SAN DIEGO DROPPING SE. THIS IS THE FEATURE THAT THE MODELS SWING INLAND ACROSS NORTHERN BAJA. COLDER AIR ASSOCIATED WITH IT IS DESTINED TO DESTABILIZE THE ATMOSPHERE FURTHER OVER THE RELATIVELY WARM COASTAL WATERS...SETTING THE STAGE FOR A PROLONGED PERIOD OF SHOWER FORMATION INTO WED MORNING.

THE 06Z NAM12 SHOWS A BROAD SWATH OF SFC-700 MBS LIFTED INDEX VALUES OVER THE COASTAL WATERS OF -6 OR LESS. THIS HAS THE POTENTIAL TO GENERATE A FEW THUNDERSTORMS LATER TODAY THROUGH TONIGHT WITH BRIEF HEAVY RAIN AND LIGHTNING AS THEY MOVE RAPIDLY FROM WEST TO EAST ACROSS THE SOUTHERN PORTIONS OF THE CWA. OTHERWISE SHOWERS WILL REMAIN SCATTERED...WITH THE MAJORITY OF THE RAINFALL ACCUMULATION EXPECTED ON THE COASTAL SLOPES. RAINFALL AMOUNTS WILL BE HIGHLY

VARIABLE...BUT COULD RANGE UP TO AN INCH OR MORE IN AREAS WHERE SHOWERS REPEAT.

A SNOW LEVEL OF 5500-6000 FT IS FORECAST BY WED MORNING. WITH THE MOST SIGNIFICANT PRECIPITATION EXPECTED TO BE IN SAN DIEGO COUNTY... THAT LEAVES LITTLE REAL ESTATE TO ACCUMULATE SNOW EXCEPT FOR CUYAMACA PEAK AND MT. LAGUNA. SO PERHAPS A COATING TO AN INCH OR SO OF SNOW LOOKS POSSIBLE THERE BY WED MORNING.

ANY REMAINING SHOWERS SHOULD BE ENDING BY LATE WEDNESDAY AS THE UPPER TROUGH MOVES EAST OF THE REGION AND DRIER NW FLOW PREVAILS. GLOBAL MODELS SHOW WEAK RIDGING TO EVENTUALLY DEVELOP ACROSS THE WEST BY THE WEEKEND. THERE WILL ALSO BE SOME WEAK OFFSHORE FLOW... SO LOOK FOR LOW RELATIVE HUMIDITY AND LITTLE IN THE WAY OF MARINE CLOUDS. THIS SHOULD ENSURE COOL NIGHTS AND MILD...SUNNY DAYS.

THERE IS ANOTHER CHANCE OF PRECIPITATION AROUND TUESDAY OF NEXT WEEK BUT CONFIDENCE IS LOW WITH CONSIDERABLE SPREAD BETWEEN GFS/ECMWF SOLUTIONS AT THIS TIME.

&&

.AVIATION...

031000Z...COAST/VALLEYS...GENERALLY BROKEN CLOUDS WITH BASES 3000-4000 FEET MSL WILL CONTINUE TODAY THROUGH TONIGHT. SOME SCATTER OUT IS POSSIBLE AROUND KSNA AT TIMES TODAY. SHOWERS WILL BECOME MORE WIDESPREAD THIS AFTERNOON THROUGH EVENING AND A FEW THUNDERSTORMS ARE ALSO POSSIBLE...PARTICULARLY IN SAN DIEGO COUNTY. LOCAL TERRAIN IN COASTAL FOOTHILLS MAY BE OBSCURED OCCASIONALLY THIS MORNING AND AGAIN THIS EVENING.

MOUNTAINS/DESERTS...SHOWERS AND LOCAL TERRAIN OBSCURATION MOST LIKELY ON THE COASTAL SLOPES TODAY AND TONIGHT. WINDS WILL CONTINUE STRONG ON DESERT SLOPES AND INTO ADJACENT DESERTS THIS MORNING. LOCAL VIS REDUCED TO 3-5SM IN BLOWING DUST. STRONG UP/DOWN DRAFTS ARE POSSIBLE IN THE LEE OF MOUNTAIN RIDGES. OTHERWISE...DESERT SKIES WILL BE SCATTERED TO LOCALLY BROKEN CLOUDS NEAR MOUNTAINS AT AROUND 8000-10000 FEET MSL.

&&

.MARINE...

200 AM...A SMALL CRAFT ADVISORY CONTINUES AND HAS BEEN EXTENDED TO WEDNESDAY AFTERNOON. STRONG NORTHWEST WINDS WILL CONTINUE UNABATED AND WILL CONTINUE TO CREATE CHOPPY AND HAZARDOUS CONDITIONS. FOR DETAILS CHECK THE SMALL CRAFT ADVISORY...LAXMWWSGX. THERE IS ALSO A CHANCE OF THUNDERSTORMS TODAY AND TONIGHT...WITH THE MAIN THREAT OF LIGHTNING STRIKES. CHECK THE MARINE WEATHER STATEMENT...LAXMWSSGX.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...WIND ADVISORY UNTIL 9 AM PST THIS MORNING FOR RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO PASS NEAR BANNING.

PZ...SMALL CRAFT ADVISORY UNTIL 1 PM PST WEDNESDAY FOR COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT TO 30 NM- WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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AVIATION/MARINE...MM

IOWA STATE UNIVERSITY

College of Ag
Department of Agronomy

Department of Agronomy

716 Farm House Ln
Ames, IA 50011

akrherz@iastate.edu

515-294-5978 phone



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URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
847 AM PST TUE NOV 3 2015

CAZ055-056-058-065-031800-
/O.EXP.KSGX.WI.Y.0026.000000T0000Z-151103T1700Z/
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-
SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO PASS NEAR BANNING-
847 AM PST TUE NOV 3 2015

...WIND ADVISORY WILL EXPIRE AT 9 AM PST THIS MORNING...

WIND GUSTS HAVE WEAKENED BELOW 50 MPH...AND WINDS SHOULD CONTINUE
TO DIMINISH AS THE DAY GOES ON. THUS...THE WIND ADVISORY WILL BE
ALLOWED TO EXPIRE AT 9 AM.

\$\$

HARRISON